

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072320\  
 Data File : VU039642.D  
 Acq On : 23 Jul 2020 17:57  
 Operator : SY/MD  
 Sample : MDL03  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 MDL03

Manual Integrations  
 APPROVED

sam  
 7/30/2020 2:58:31 AM

Quant Time: Jul 24 03:10:58 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM072320WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Jul 24 02:44:03 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.27  | 114  | 197882   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.42  | 117  | 188274   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.81 | 152  | 88159    | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |        |
|--------------------------------|---------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 1.60    | 65    | 55095    | 42.77    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 85.54% |
| 7) Chloroethane-d5             | 1.92    | 69    | 64806    | 41.98    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 83.96% |
| 11) 1,1-Dichloroethene-d2      | 2.58    | 63    | 91935    | 33.71    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 67.42% |
| 21) 2-Butanone-d5              | 4.65    | 46    | 143589   | 96.55    | ug/L | 0.00   |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 96.55% |
| 24) Chloroform-d               | 5.08    | 84    | 128244   | 44.27    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 88.54% |
| 26) 1,2-Dichloroethane-d4      | 5.72    | 65    | 93085    | 44.96    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 89.92% |
| 32) Benzene-d6                 | 5.75    | 84    | 247704   | 47.38    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 94.76% |
| 36) 1,2-Dichloropropane-d6     | 6.71    | 67    | 81721    | 47.67    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 95.34% |
| 41) Toluene-d8                 | 7.91    | 98    | 226542   | 46.05    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 92.10% |
| 43) trans-1,3-Dichloropropene- | 8.19    | 79    | 38011    | 43.93    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 87.86% |
| 47) 2-Hexanone-d5              | 8.64    | 63    | 88099    | 94.21    | ug/L | 0.00   |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 94.21% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.76   | 84    | 122048   | 44.96    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 89.92% |
| 64) 1,2-Dichlorobenzene-d4     | 12.19   | 152   | 88421    | 45.87    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 91.74% |

## Target Compounds

|                                |      |     |       |              | Ovalue |
|--------------------------------|------|-----|-------|--------------|--------|
| 2) Dichlorodifluoromethane     | 1.39 | 85  | 2740  | 2.033 ug/L   | 97     |
| 3) Chloromethane               | 1.53 | 50  | 2681  | 1.914 ug/L   | 92     |
| 5) Vinyl chloride              | 1.61 | 62  | 3371  | 2.369 ug/L # | 73     |
| 6) Bromomethane                | 1.87 | 94  | 2351  | 2.199 ug/L   | 92     |
| 8) Chloroethane                | 1.94 | 64  | 2770  | 2.189 ug/L   | 94     |
| 9) Trichlorofluoromethane      | 2.15 | 101 | 5090  | 2.024 ug/L   | 98     |
| 10) 1,1,2-Trichloro-1,2,2-trif | 2.59 | 101 | 3205  | 2.648 ug/L # | 78     |
| 12) 1,1-Dichloroethene         | 2.59 | 96  | 2743  | 2.430 ug/L # | 1      |
| 13) Acetone                    | 2.65 | 43  | 3783m | 3.822 ug/L   |        |
| 14) Carbon disulfide           | 2.81 | 76  | 7379  | 2.043 ug/L   | 96     |
| 15) Methyl Acetate             | 2.97 | 43  | 3481  | 1.963 ug/L   | 98     |
| 16) Methylene chloride         | 3.06 | 84  | 2857  | 2.113 ug/L   | 89     |
| 17) trans-1,2-Dichloroethene   | 3.37 | 96  | 2475  | 1.970 ug/L   | 84     |
| 18) Methyl tert-butyl Ether    | 3.38 | 73  | 8011  | 1.974 ug/L # | 89     |
| 19) 1,1-Dichloroethane         | 3.89 | 63  | 4876  | 1.989 ug/L   | 95     |
| 20) cis-1,2-Dichloroethene     | 4.69 | 96  | 3019  | 2.103 ug/L   | 99     |
| 22) 2-Butanone                 | 4.73 | 43  | 6513m | 4.669 ug/L   |        |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072320\  
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 Operator : SY/MD  
 Sample : MDL03  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 MDL03

Manual Integrations  
 APPROVED

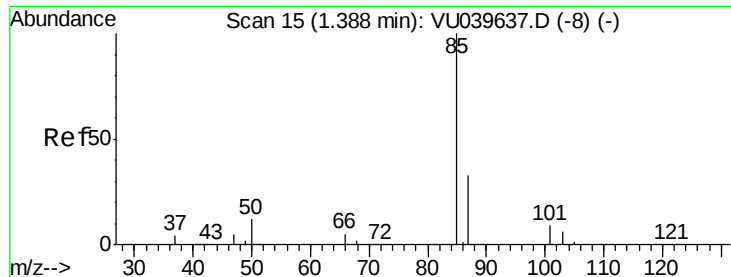
sam  
 7/30/2020 2:58:31 AM

Quant Time: Jul 24 03:10:58 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM072320WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Jul 24 02:44:03 2020  
 Response via : Initial Calibration

| Internal Standards              | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|---------------------------------|-------|------|----------|-------|--------|----------|
| -----                           |       |      |          |       |        |          |
| 23) Bromochloromethane          | 5.00  | 128  | 1268     | 1.758 | ug/L # | 82       |
| 25) Chloroform                  | 5.11  | 83   | 9918     | 3.648 | ug/L   | 94       |
| 27) 1,2-Dichloroethane          | 5.81  | 62   | 4574     | 2.029 | ug/L # | 95       |
| 29) Cyclohexane                 | 5.41  | 56   | 4371     | 2.137 | ug/L   | 97       |
| 30) 1,1,1-Trichloroethane       | 5.33  | 97   | 4867     | 2.159 | ug/L   | 98       |
| 31) Carbon tetrachloride        | 5.54  | 117  | 3873     | 2.072 | ug/L   | 98       |
| 33) Benzene                     | 5.79  | 78   | 10790    | 2.079 | ug/L   | 100      |
| 34) Trichloroethene             | 6.55  | 95   | 2671     | 1.946 | ug/L   | 95       |
| 35) Methylcyclohexane           | 6.78  | 83   | 3901     | 1.838 | ug/L   | 96       |
| 37) 1,2-Dichloropropane         | 6.80  | 63   | 2751     | 1.958 | ug/L # | 94       |
| 38) Bromodichloromethane        | 7.12  | 83   | 3848     | 2.062 | ug/L   | 92       |
| 39) cis-1,3-Dichloropropene     | 7.62  | 75   | 4193     | 1.997 | ug/L   | 99       |
| 40) 4-Methyl-2-pentanone        | 7.80  | 43   | 9697     | 3.962 | ug/L   | 97       |
| 42) Toluene                     | 7.98  | 91   | 11603    | 2.033 | ug/L   | 94       |
| 44) trans-1,3-Dichloropropene   | 8.22  | 75   | 3821     | 1.858 | ug/L   | 88       |
| 45) 1,1,2-Trichloroethane       | 8.40  | 97   | 2461     | 1.837 | ug/L   | 89       |
| 46) Tetrachloroethene           | 8.56  | 164  | 2056     | 1.980 | ug/L   | 91       |
| 48) 2-Hexanone                  | 8.69  | 43   | 12564    | 6.300 | ug/L   | 96       |
| 49) Dibromochloromethane        | 8.82  | 129  | 3119     | 2.062 | ug/L   | 99       |
| 50) 1,2-Dibromoethane           | 8.93  | 107  | 2941     | 1.973 | ug/L # | 95       |
| 51) Chlorobenzene               | 9.45  | 112  | 7240     | 1.988 | ug/L   | 90       |
| 52) Ethylbenzene                | 9.57  | 91   | 11864    | 1.881 | ug/L   | 96       |
| 53) m,p-Xylene                  | 9.69  | 106  | 4447     | 1.871 | ug/L   | 99       |
| 54) o-xylene                    | 10.10 | 106  | 4371     | 1.916 | ug/L   | 93       |
| 55) Styrene                     | 10.11 | 104  | 6628     | 1.679 | ug/L   | 91       |
| 56) Isopropylbenzene            | 10.49 | 105  | 11569    | 1.868 | ug/L   | 99       |
| 58) 1,1,1,2,2-Tetrachloroethane | 10.78 | 83   | 5402     | 2.212 | ug/L # | 89       |
| 59) 1,2,3-Trichloropropane      | 10.82 | 75   | 4024     | 1.974 | ug/L   | 94       |
| 61) Bromoform                   | 10.29 | 173  | 1623     | 1.556 | ug/L # | 83       |
| 62) 1,3-Dichlorobenzene         | 11.74 | 146  | 5490     | 2.033 | ug/L   | 95       |
| 63) 1,4-Dichlorobenzene         | 11.83 | 146  | 6296     | 2.327 | ug/L   | 90       |
| 65) 1,2-Dichlorobenzene         | 12.21 | 146  | 5666     | 2.076 | ug/L   | 97       |
| 66) 1,2-Dibromo-3-chloropropan  | 12.99 | 75   | 941m     | 1.724 | ug/L   |          |
| 67) 1,3,5-Trichlorobenzene      | 13.21 | 180  | 3826     | 1.965 | ug/L   | 97       |
| 68) 1,2,4-trichlorobenzene      | 13.83 | 180  | 3051     | 1.846 | ug/L   | 97       |
| 69) Naphthalene                 | 14.08 | 128  | 8121     | 1.638 | ug/L   | 96       |
| 70) 1,2,3-Trichlorobenzene      | 14.32 | 180  | 2890     | 1.731 | ug/L   | 95       |
| -----                           |       |      |          |       |        |          |

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





#2

Dichlorodifluoromethane

Concen: 2.033 ug/L

RT: 1.39 min Scan# 15

Delta R.T. 0.00 min

Lab File: VU039642.D

Acq: 23 Jul 2020 17:57

Instrument :

MSVOA\_U

ClientSampleId :

MDL03

Tot Ion: 85 Resp: 2740

Ion Ratio Lower Upper

85 100

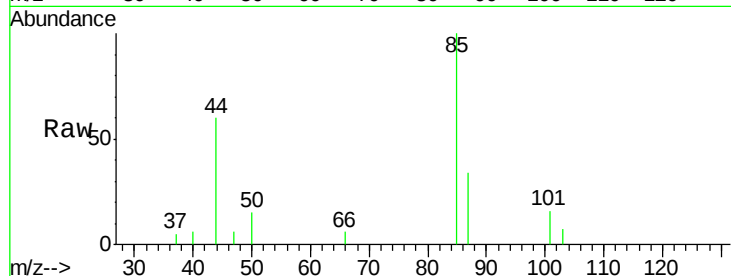
87 30.9 26.2 39.4

Manual Integrations

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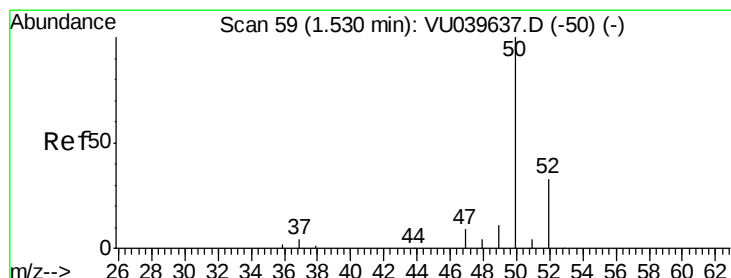
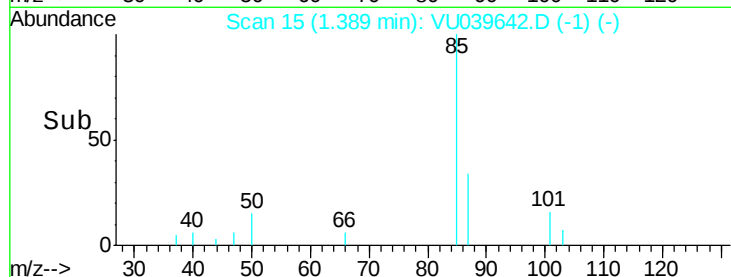
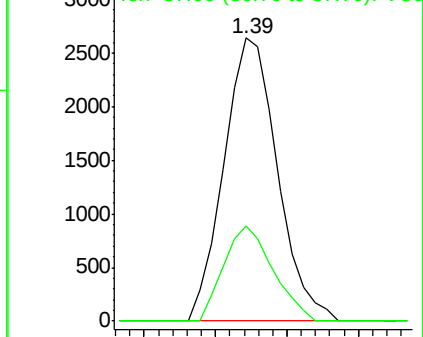
sam

7/30/2020 2:58:31 AM



Abundance Ion 85.00 (84.70 to 85.70): VU0

Ion 87.00 (86.70 to 87.70): VU0



#3

Chloromethane

Concen: 1.914 ug/L

RT: 1.53 min Scan# 58

Delta R.T. -0.00 min

Lab File: VU039642.D

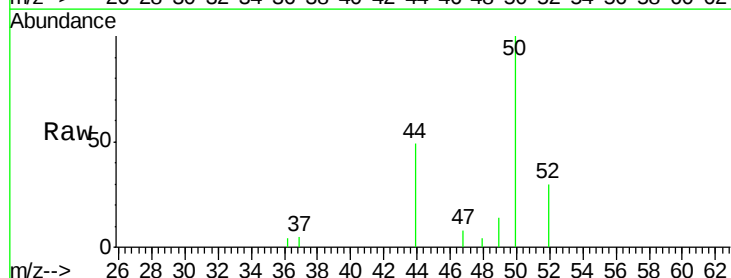
Acq: 23 Jul 2020 17:57

Tgt Ion: 50 Resp: 2681

Ion Ratio Lower Upper

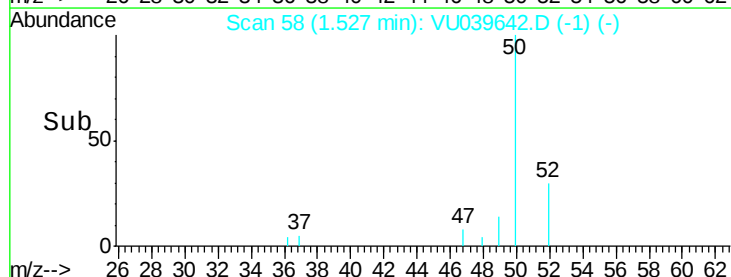
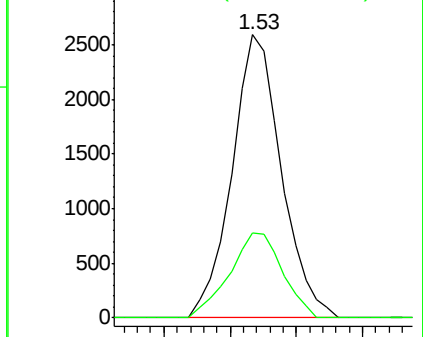
50 100

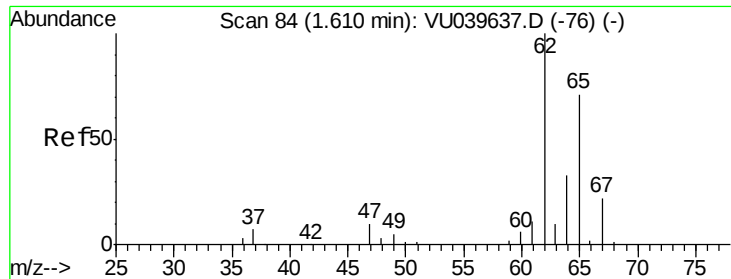
52 29.9 24.0 44.6



Abundance Ion 50.00 (49.70 to 50.70): VU0

Ion 52.00 (51.70 to 52.70): VU0





#5

Vinyl chloride

Concen: 2.369 ug/L

RT: 1.61 min Scan# 84

Delta R.T. 0.00 min

Lab File: VU039642.D

Acq: 23 Jul 2020 17:57

Instrument :

MSVOA\_U

ClientSampled :

MDL03

Tot Ion: 62 Resp: 3371

Ion Ratio Lower Upper

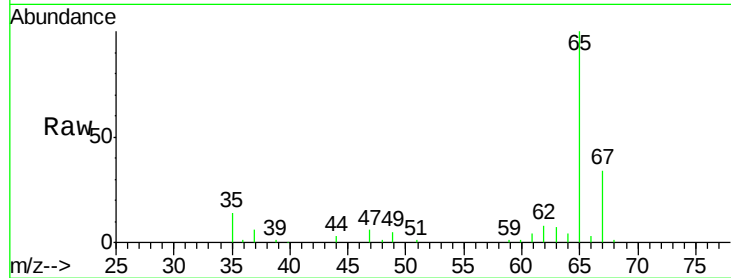
62 100

64 47.6 22.8 42.4#

Manual Integrations  
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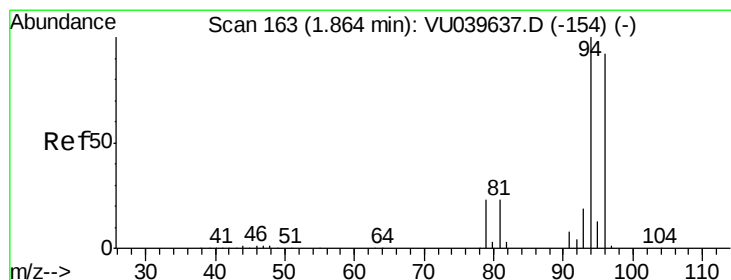
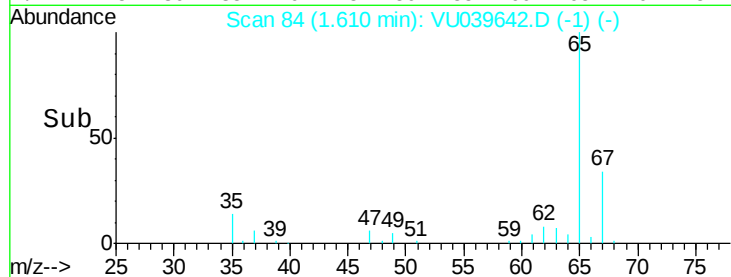
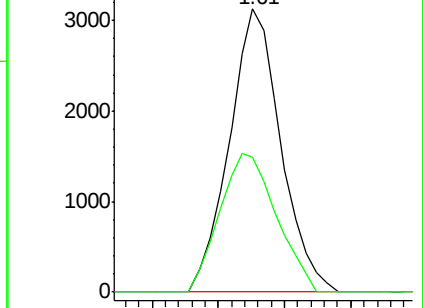
sam

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Abundance Ion 62.00 (61.70 to 62.70): VU039637.D (-76) (-)

Ion 64.00 (63.70 to 64.70): VU039637.D (-76) (-)



#6

Bromomethane

Concen: 2.199 ug/L

RT: 1.87 min Scan# 164

Delta R.T. 0.00 min

Lab File: VU039642.D

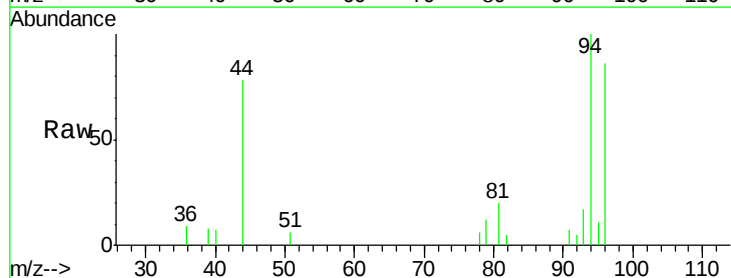
Acq: 23 Jul 2020 17:57

Tgt Ion: 94 Resp: 2351

Ion Ratio Lower Upper

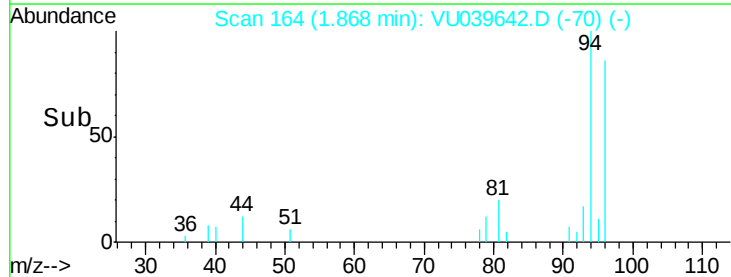
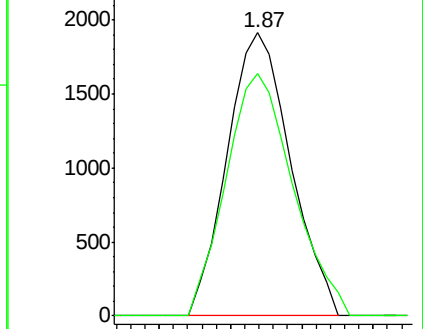
94 100

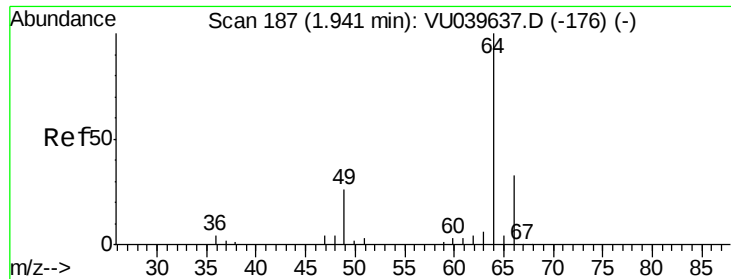
96 85.8 65.7 122.1



Abundance Ion 94.00 (93.70 to 94.70): VU039637.D (-154) (-)

Ion 96.00 (95.70 to 96.70): VU039637.D (-154) (-)





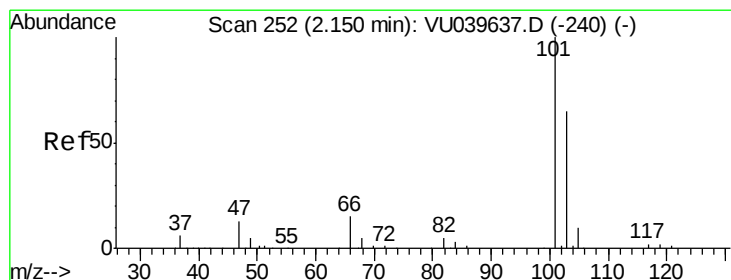
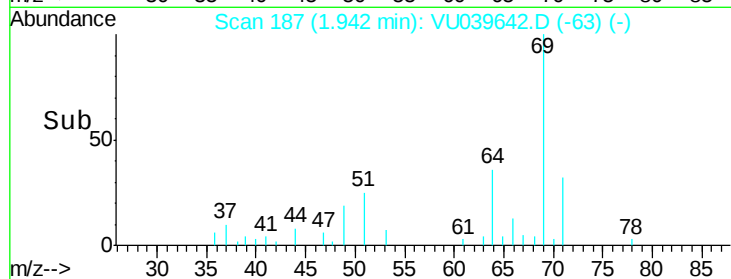
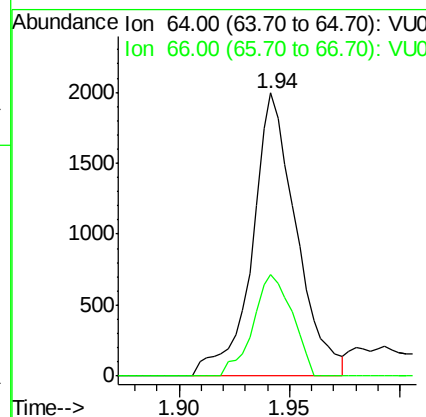
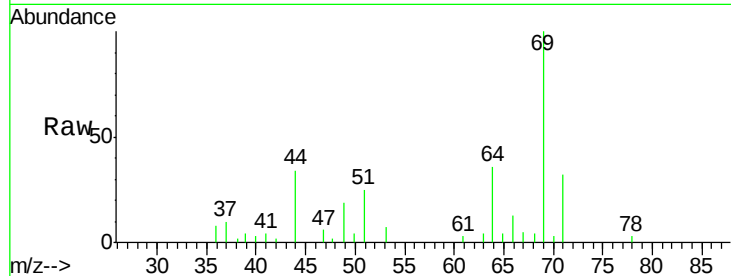
#8  
Chloroethane  
Concen: 2.189 ug/L  
RT: 1.94 min Scan# 187  
Delta R.T. 0.00 min  
Lab File: VU039642.D  
Acq: 23 Jul 2020 17:57

Instrument :  
MSVOA\_U  
ClientSampled :  
MDL03

Tot Ion: 64 Resp: 2770  
Ion Ratio Lower Upper  
64 100  
66 36.0 22.7 42.1

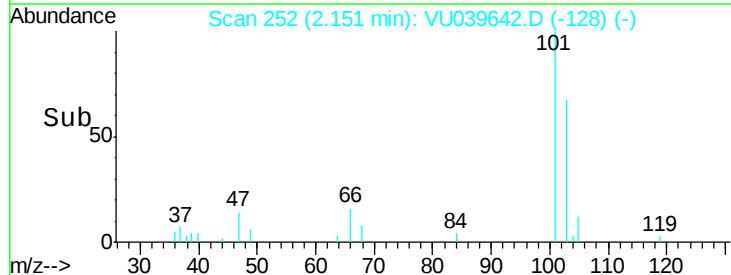
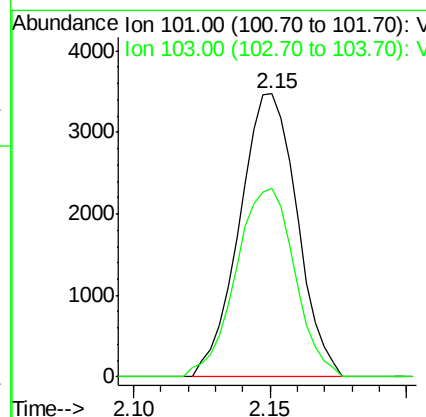
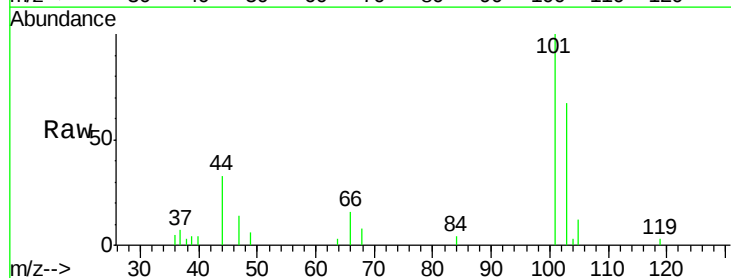
Manual Integrations  
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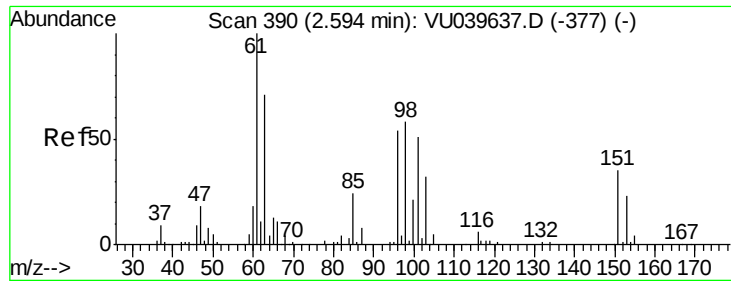
sam  
7/30/2020 2:58:31 AM



#9  
Trichlorofluoromethane  
Concen: 2.024 ug/L  
RT: 2.15 min Scan# 252  
Delta R.T. 0.00 min  
Lab File: VU039642.D  
Acq: 23 Jul 2020 17:57

Tgt Ion: 101 Resp: 5090  
Ion Ratio Lower Upper  
101 100  
103 67.9 52.8 79.2





#10

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

Concen: 2.648 ug/L

RT: 2.59 min Scan# 390

Delta R.T. 0.00 min

Lab File: VU039642.D

Acq: 23 Jul 2020 17:57

Instrument :

MSVOA\_U

ClientSampleId :

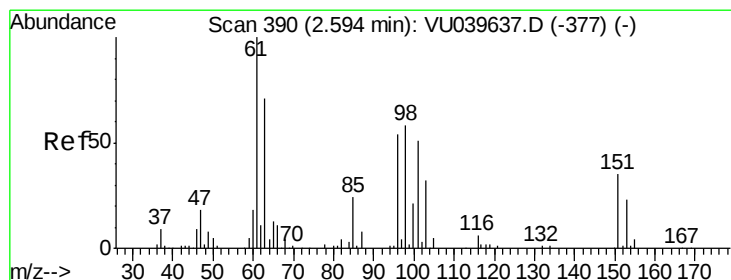
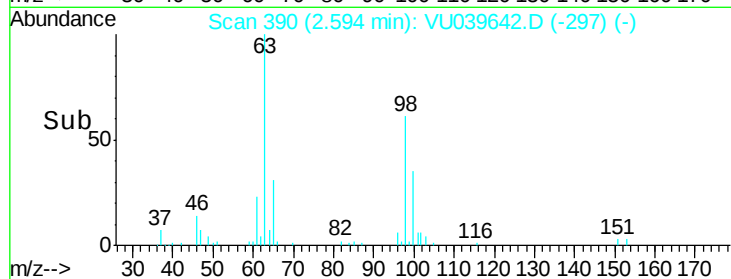
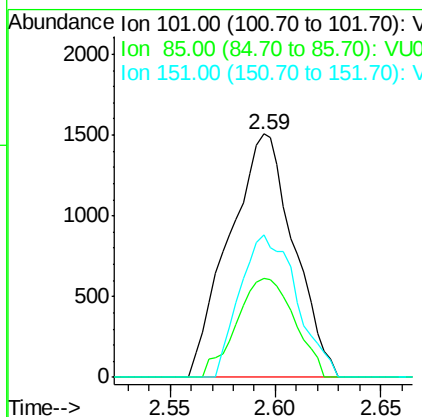
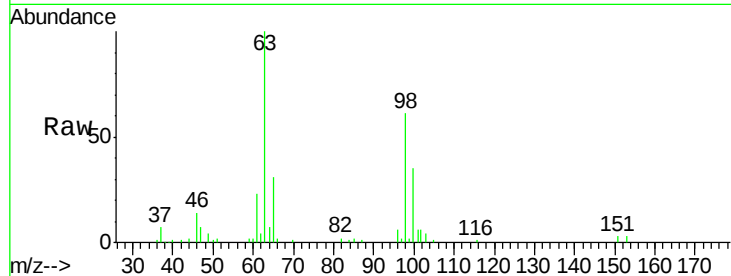
MDL03

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 101   | Resp: | 3205  |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 36.3  | 39.7  | 59.5# |
| 151       | 51.5  | 57.4  | 86.2# |

Manual Integrations  
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#12

1,1-Dichloroethene

Concen: 2.430 ug/L

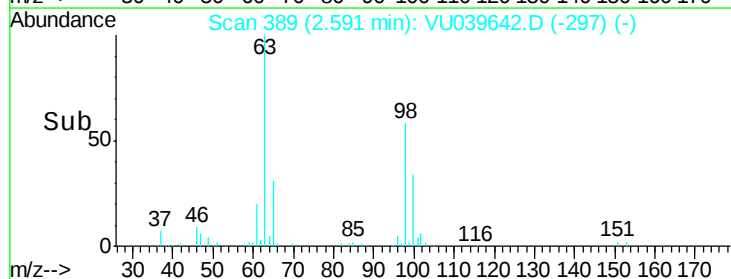
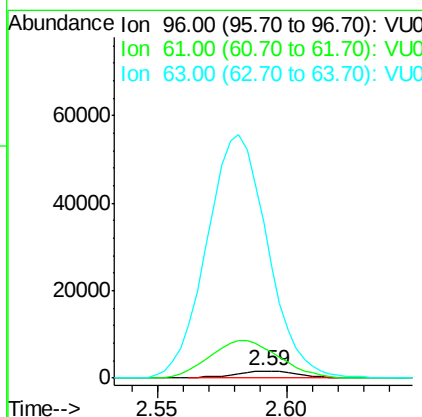
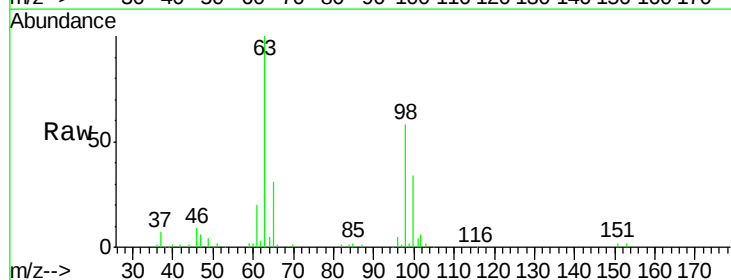
RT: 2.59 min Scan# 389

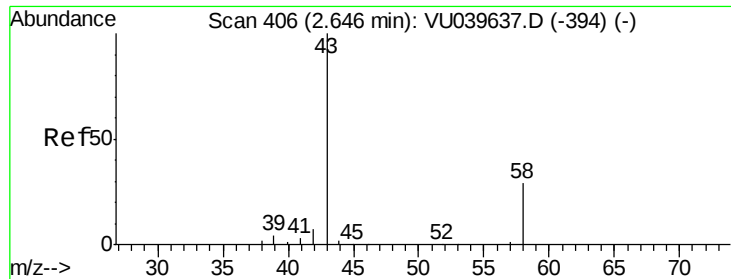
Delta R.T. -0.00 min

Lab File: VU039642.D

Acq: 23 Jul 2020 17:57

|           |        |       |        |
|-----------|--------|-------|--------|
| Tgt Ion:  | 96     | Resp: | 2743   |
| Ion Ratio | Lower  | Upper |        |
| 96        | 100    |       |        |
| 61        | 430.9  | 136.6 | 253.6# |
| 63        | 2203.2 | 97.2  | 180.6# |





#13

Acetone

Concen: 3.822 ug/L m

RT: 2.65 min Scan# 408

Delta R.T. 0.01 min

Lab File: VU039642.D

Acq: 23 Jul 2020 17:57

Instrument :

MSVOA\_U

ClientSampleId :

MDL03

Tot Ion: 43 Resp: 3783

Ion Ratio Lower Upper

43 100

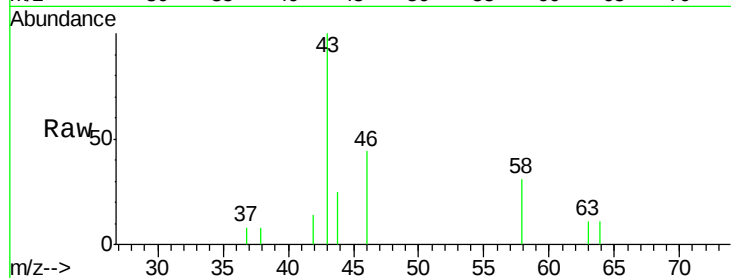
58 24.9 0.0 59.4

Manual Integrations

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sam

7/30/2020 2:58:31 AM



Abundance Ion 43.00 (42.70 to 43.70): VU039637.D (-394) (-)

Ion 58.00 (57.70 to 58.70): VU039637.D (-394) (-)

2.65

1500

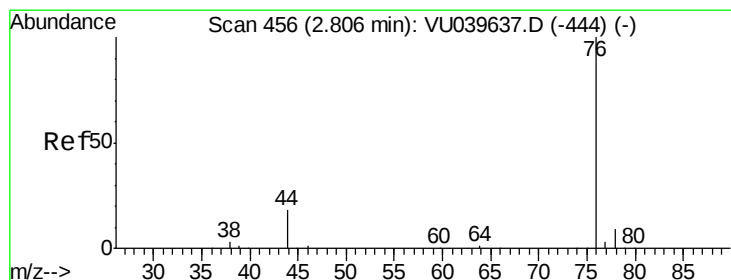
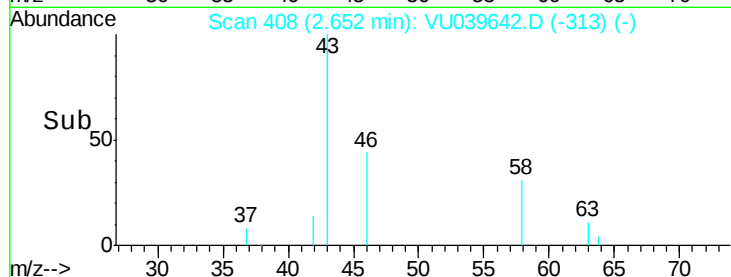
1000

500

0

2.60 2.65 2.70

Time-->



#14

Carbon disulfide

Concen: 2.043 ug/L

RT: 2.81 min Scan# 456

Delta R.T. 0.00 min

Lab File: VU039642.D

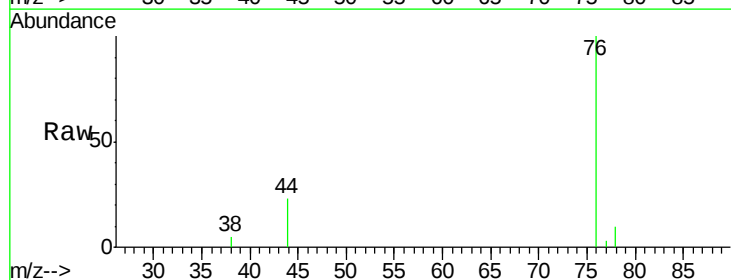
Acq: 23 Jul 2020 17:57

Tgt Ion: 76 Resp: 7379

Ion Ratio Lower Upper

76 100

78 10.5 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VU039637.D (-444) (-)

Ion 78.00 (77.70 to 78.70): VU039637.D (-444) (-)

2.81

5000

4000

3000

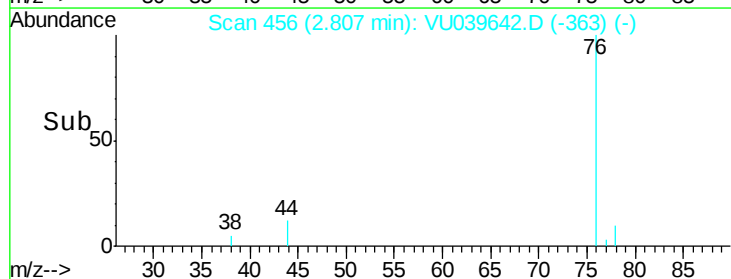
2000

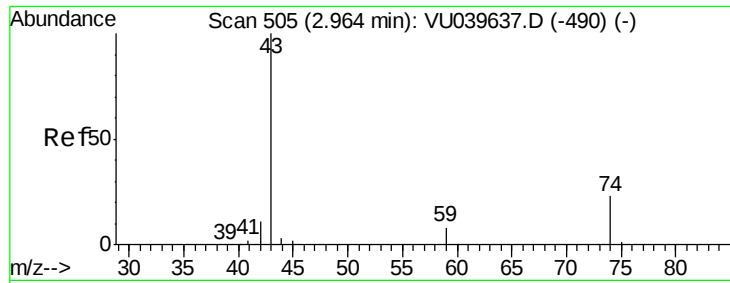
1000

0

2.75 2.80 2.85

Time-->





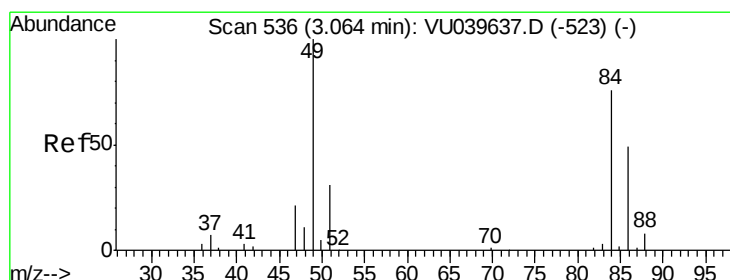
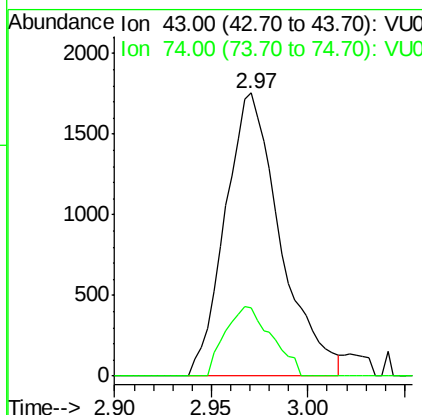
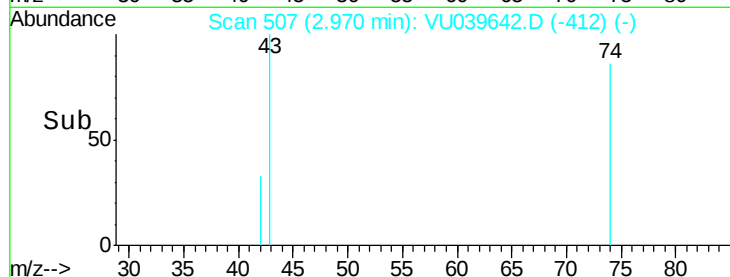
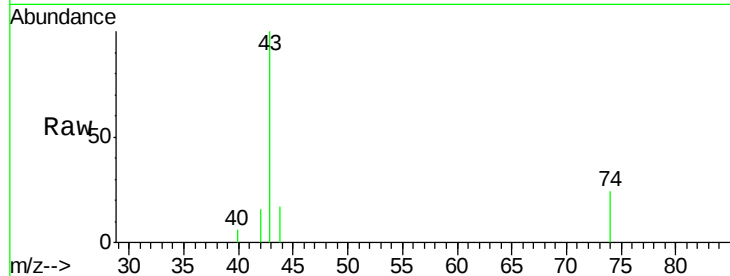
#15  
Methyl Acetate  
Concen: 1.963 ug/L  
RT: 2.97 min Scan# 507  
Delta R.T. 0.01 min  
Lab File: VU039642.D  
Acq: 23 Jul 2020 17:57

Instrument :  
MSVOA\_U  
ClientSampleId :  
MDL03

Tot Ion: 43 Resp: 3481  
Ion Ratio Lower Upper  
43 100  
74 20.8 17.4 26.0

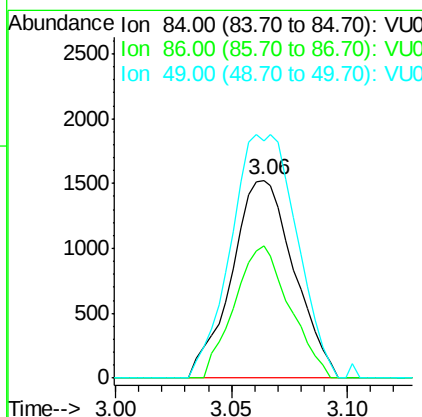
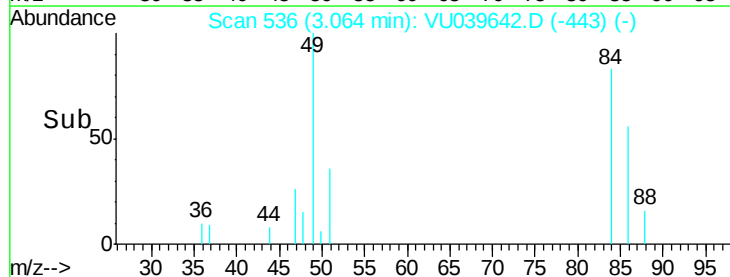
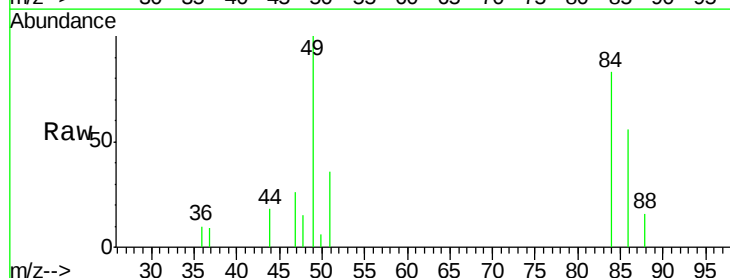
Manual Integrations  
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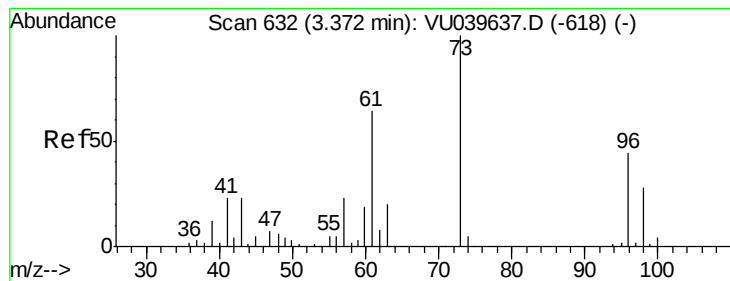
sam  
7/30/2020 2:58:31 AM



#16  
Methylene chloride  
Concen: 2.113 ug/L  
RT: 3.06 min Scan# 536  
Delta R.T. 0.00 min  
Lab File: VU039642.D  
Acq: 23 Jul 2020 17:57

Tgt Ion: 84 Resp: 2857  
Ion Ratio Lower Upper  
84 100  
86 66.6 46.2 85.8  
49 119.9 97.3 180.7





#17

trans-1,2-Dichloroethene

Concen: 1.970 ug/L

RT: 3.37 min Scan# 631

Delta R.T. -0.00 min

Lab File: VU039642.D

Acq: 23 Jul 2020 17:57

Instrument :

MSVOA\_U

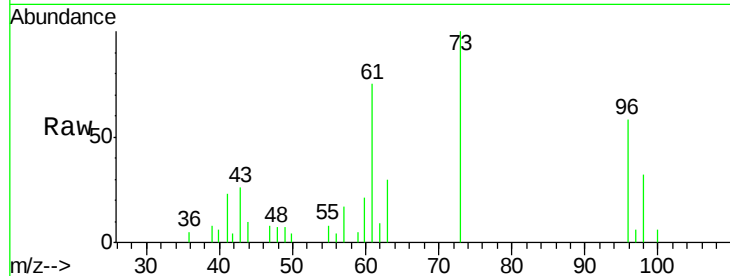
ClientSampleId :

MDL03

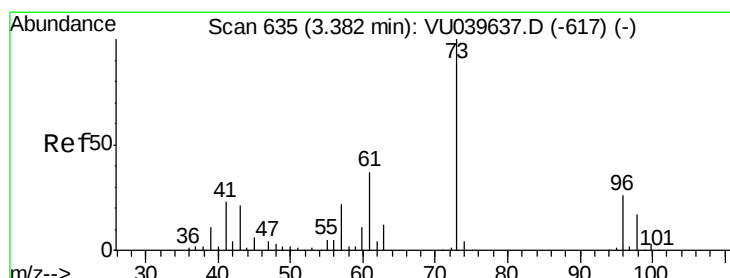
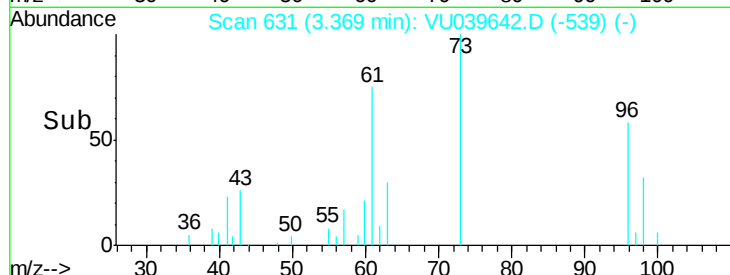
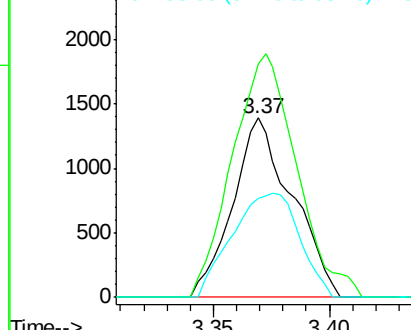
|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 96    | Resp: | 2475  |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 129.9 | 106.7 | 198.1 |
| 98       | 55.0  | 44.3  | 82.3  |

Manual Integrations  
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sam  
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Abundance Ion 96.00 (95.70 to 96.70): VU0  
Ion 61.00 (60.70 to 61.70): VU0  
Ion 98.00 (97.70 to 98.70): VU0



#18

Methyl tert-butyl Ether

Concen: 1.974 ug/L

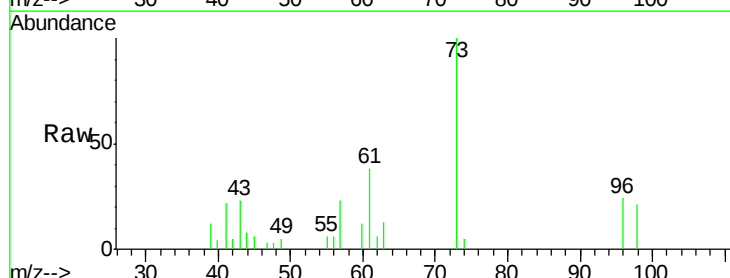
RT: 3.38 min Scan# 635

Delta R.T. 0.00 min

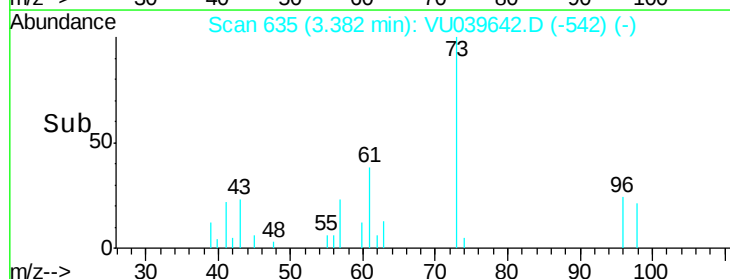
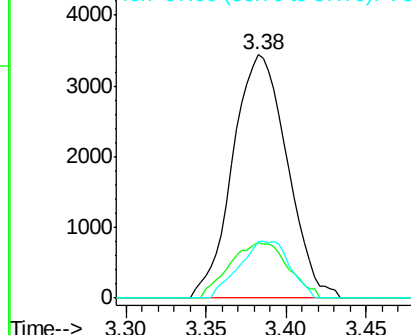
Lab File: VU039642.D

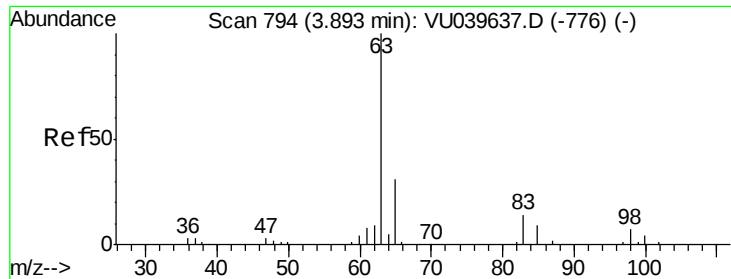
Acq: 23 Jul 2020 17:57

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 73    | Resp: | 8011  |
| Ion      | Ratio | Lower | Upper |
| 73       | 100   |       |       |
| 43       | 24.5  | 18.2  | 27.2  |
| 57       | 13.2  | 17.4  | 26.2# |



Abundance Ion 73.00 (72.70 to 73.70): VU0  
Ion 43.00 (42.70 to 43.70): VU0  
Ion 57.00 (56.70 to 57.70): VU0





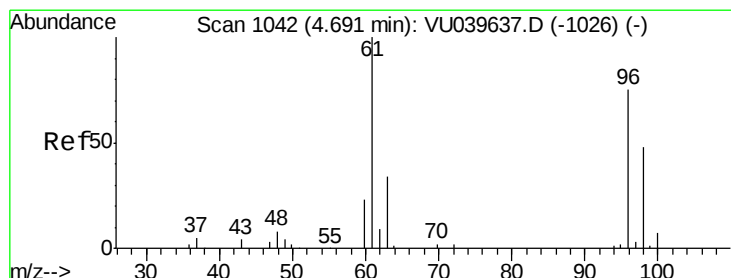
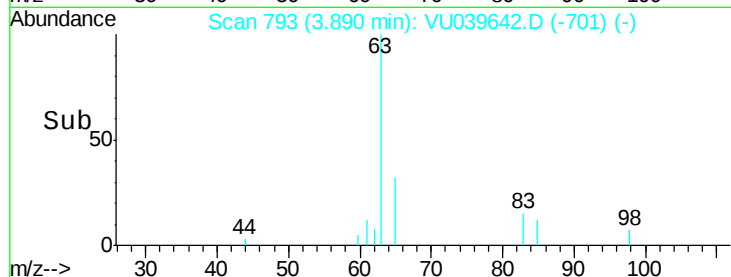
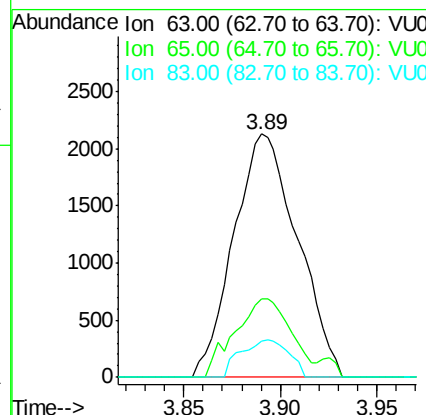
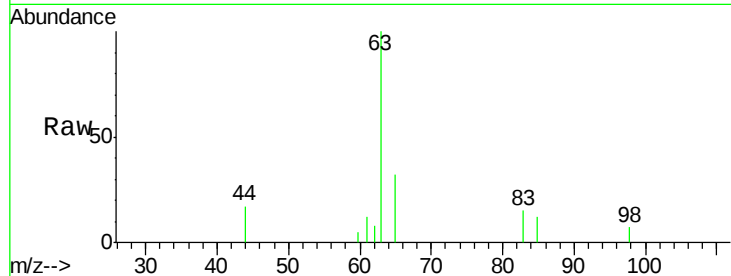
#19  
 1,1-Dichloroethane  
 Concen: 1.989 ug/L  
 RT: 3.89 min Scan# 793  
 Delta R.T. -0.00 min  
 Lab File: VU039642.D  
 Acq: 23 Jul 2020 17:57

Instrument :  
 MSVOA\_U  
 ClientSampled :  
 MDL03

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 65      | 32.4  | 20.4  | 38.0  |
| 83      | 14.7  | 9.7   | 18.1  |

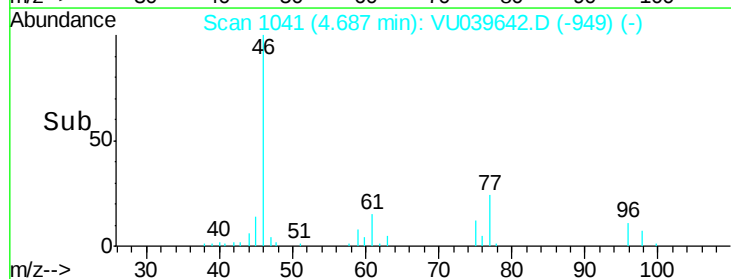
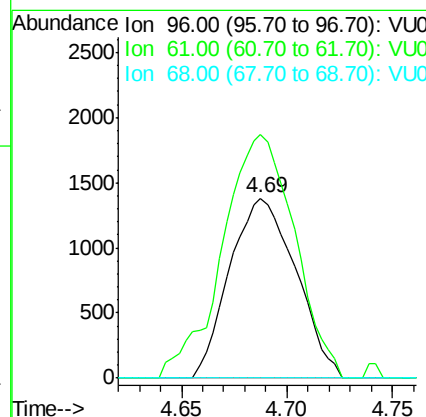
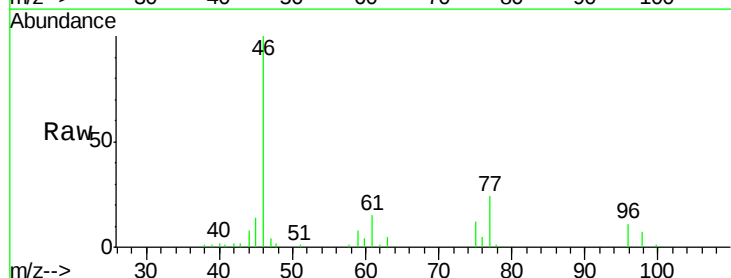
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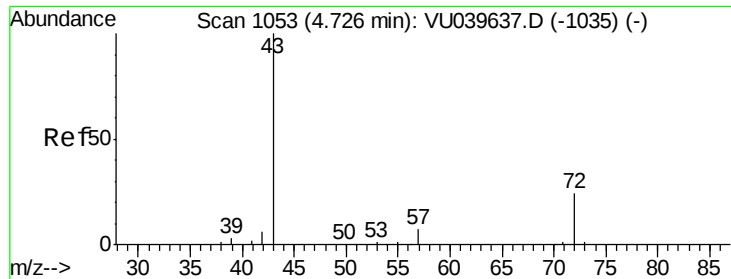
sam  
 7/30/2020 2:58:31 AM



#20  
 cis-1,2-Dichloroethene  
 Concen: 2.103 ug/L  
 RT: 4.69 min Scan# 1041  
 Delta R.T. -0.00 min  
 Lab File: VU039642.D  
 Acq: 23 Jul 2020 17:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 135.2 | 94.0  | 174.6 |
| 68      | 0.0   | 0.0   | 0.0   |





#22

2-Butanone

Concen: 4.669 ug/L m

RT: 4.73 min Scan# 1055

Delta R.T. 0.01 min

Lab File: VU039642.D

Acq: 23 Jul 2020 17:57

Instrument :

MSVOA\_U

ClientSampled :

MDL03

Tot Ion: 43 Resp: 6513

Ion Ratio Lower Upper

43 100

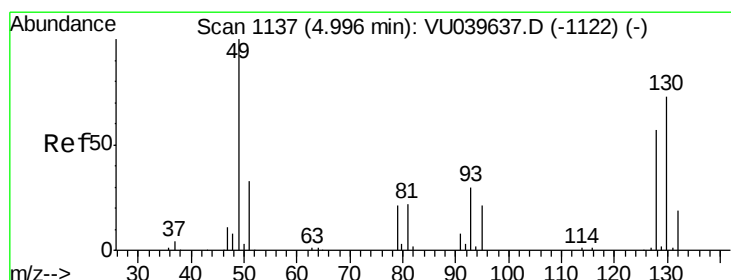
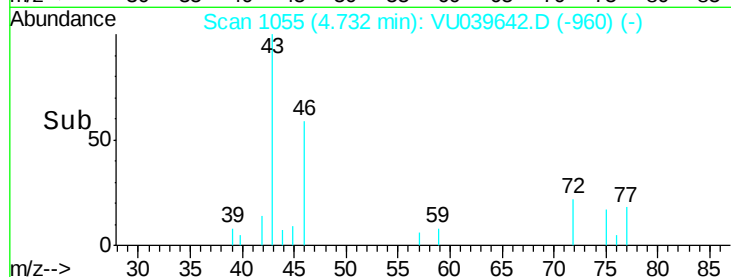
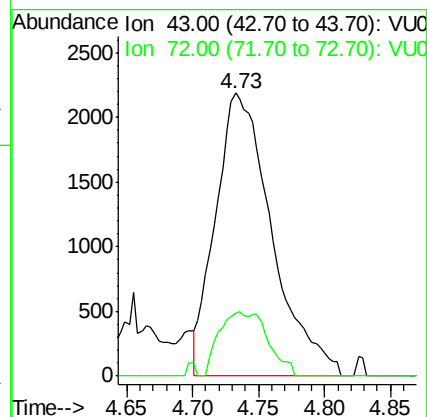
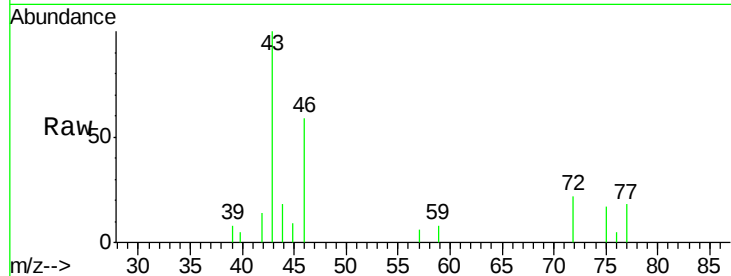
72 11.8 12.8 38.3#

Manual Integrations

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sam

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#23

Bromochloromethane

Concen: 1.758 ug/L

RT: 5.00 min Scan# 1137

Delta R.T. 0.00 min

Lab File: VU039642.D

Acq: 23 Jul 2020 17:57

Tgt Ion: 128 Resp: 1268

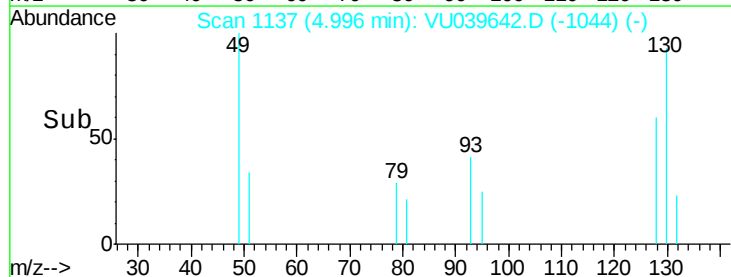
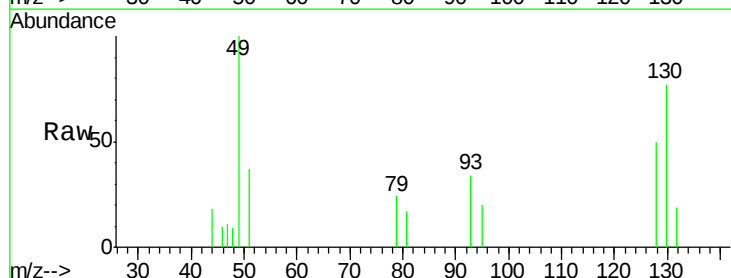
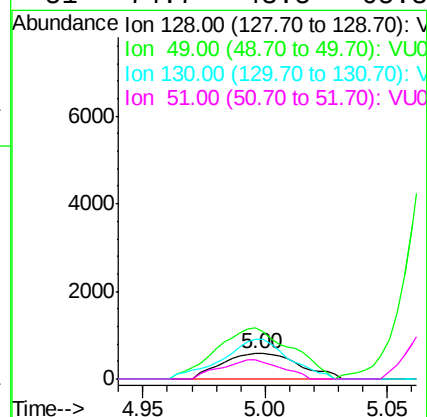
Ion Ratio Lower Upper

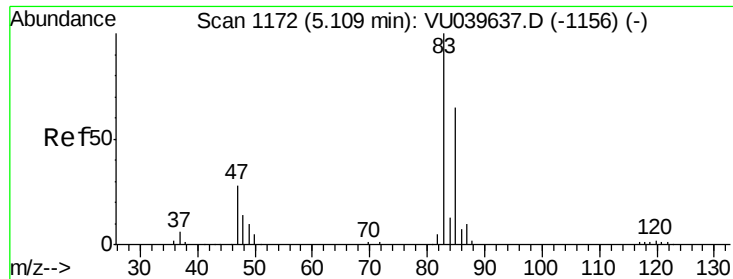
128 100

49 200.7 124.5 231.3

130 155.5 94.4 175.2

51 74.7 43.5 65.3#





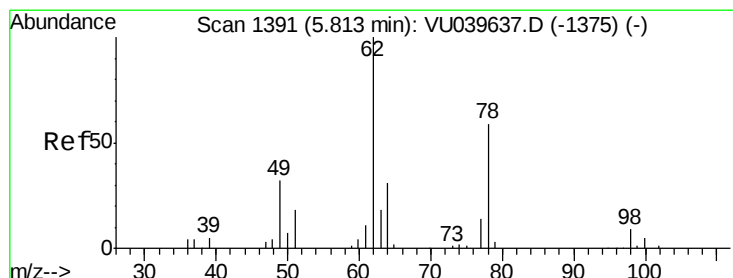
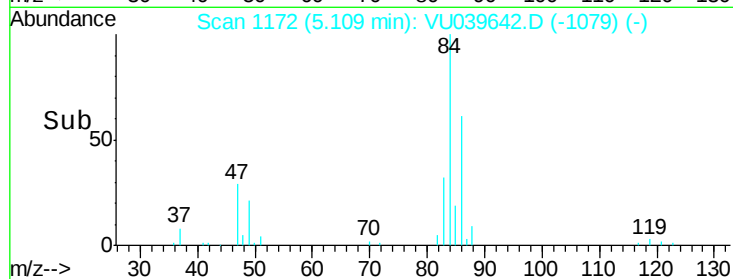
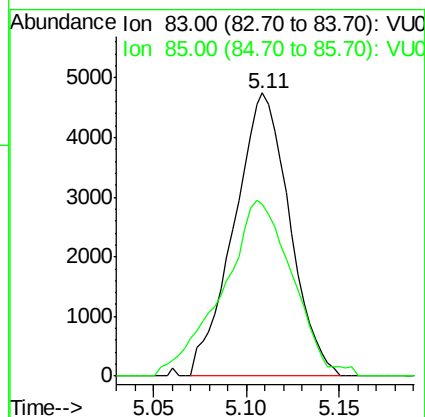
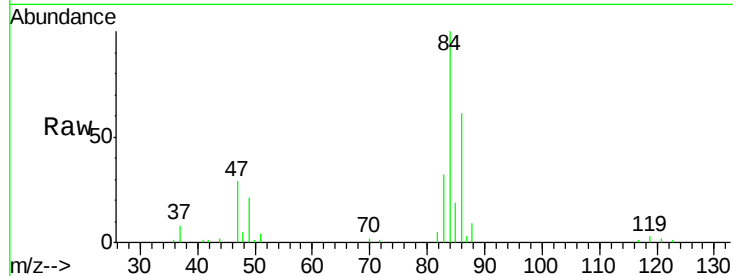
#25  
Chloroform  
Concen: 3.648 ug/L  
RT: 5.11 min Scan# 1172  
Delta R.T. 0.00 min  
Lab File: VU039642.D  
Acq: 23 Jul 2020 17:57

Instrument :  
MSVOA\_U  
ClientSampled :  
MDL03

Tot Ion: 83 Resp: 9918  
Ion Ratio Lower Upper  
83 100  
85 60.6 45.6 84.6

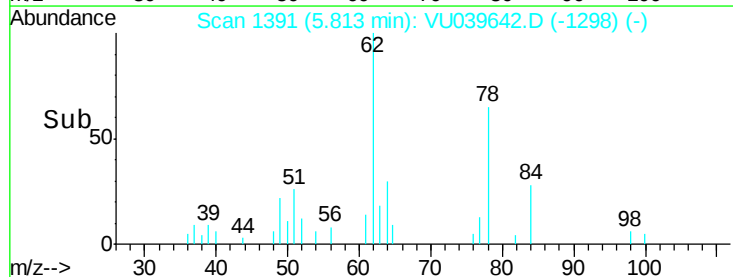
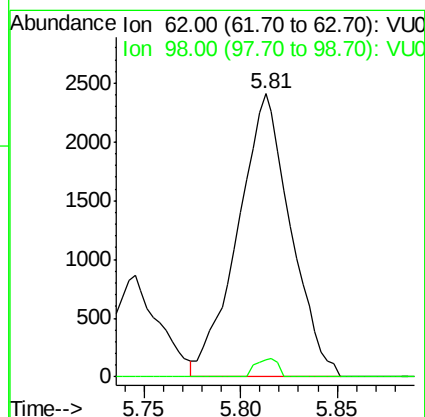
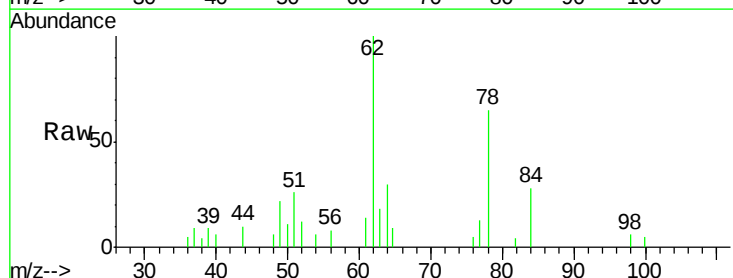
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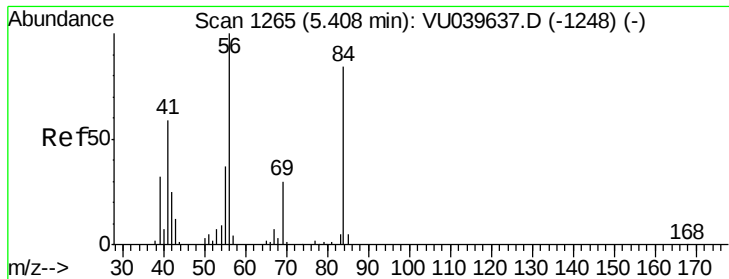
sam  
7/30/2020 2:58:31 AM



#27  
1,2-Dichloroethane  
Concen: 2.029 ug/L  
RT: 5.81 min Scan# 1391  
Delta R.T. 0.00 min  
Lab File: VU039642.D  
Acq: 23 Jul 2020 17:57

Tgt Ion: 62 Resp: 4574  
Ion Ratio Lower Upper  
62 100  
98 6.2 6.4 9.6#





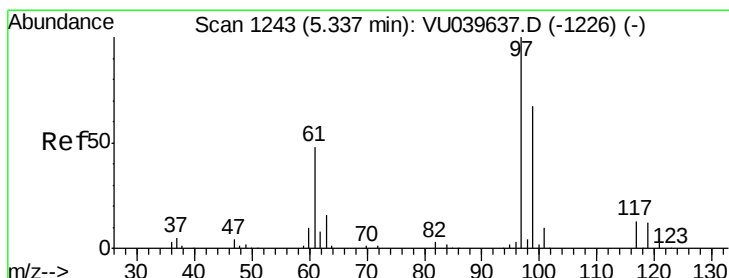
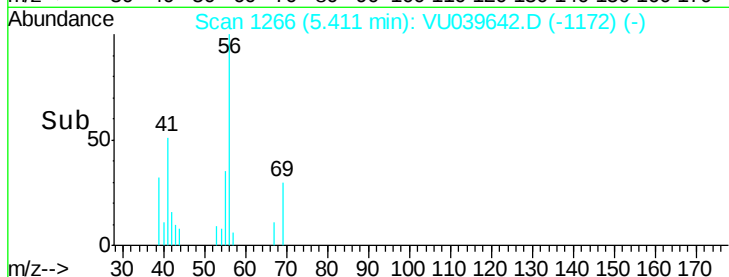
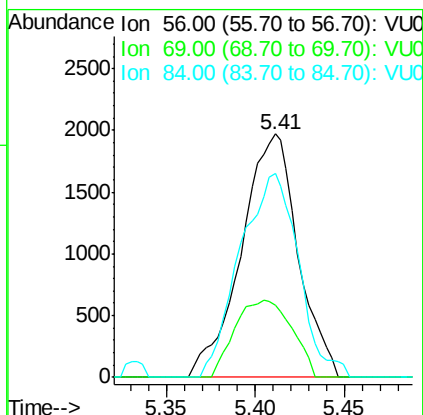
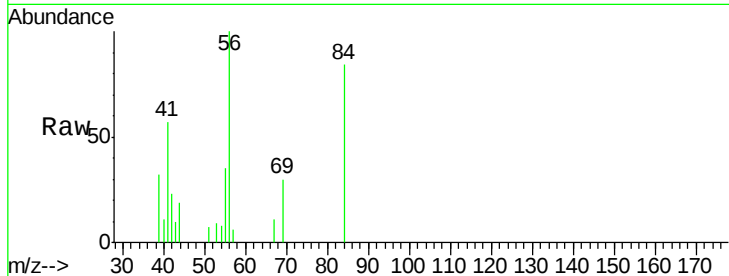
#29  
Cyclohexane  
Concen: 2.137 ug/L  
RT: 5.41 min Scan# 1266  
Delta R.T. 0.00 min  
Lab File: VU039642.D  
Acq: 23 Jul 2020 17:57

Instrument :  
MSVOA\_U  
ClientSampled :  
MDL03

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 69      | 31.8  | 23.9  | 35.9  |
| 84      | 85.0  | 65.8  | 98.8  |

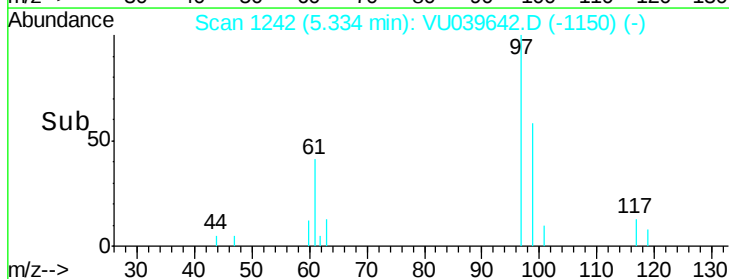
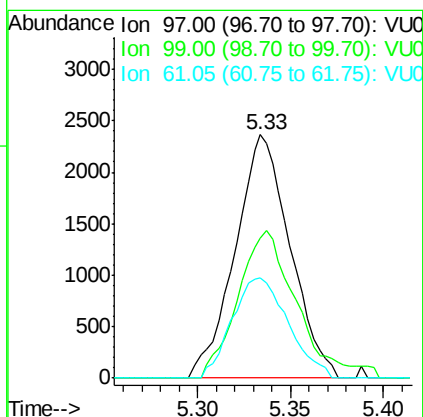
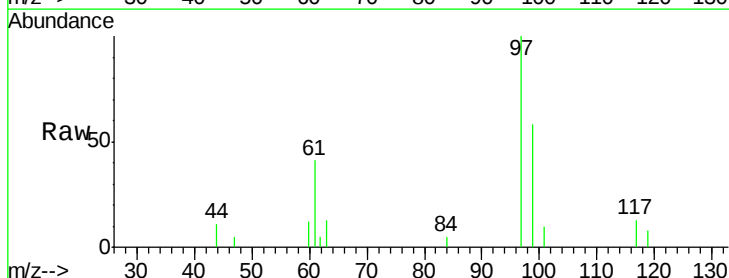
Manual Integrations  
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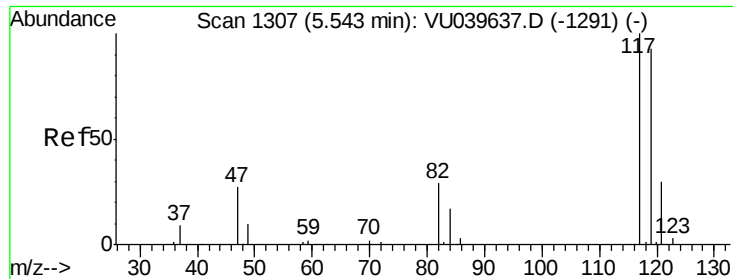
sam  
7/30/2020 2:58:31 AM



#30  
1,1,1-Trichloroethane  
Concen: 2.159 ug/L  
RT: 5.33 min Scan# 1242  
Delta R.T. -0.00 min  
Lab File: VU039642.D  
Acq: 23 Jul 2020 17:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 99      | 63.3  | 50.3  | 75.5  |
| 61      | 42.1  | 36.0  | 54.0  |





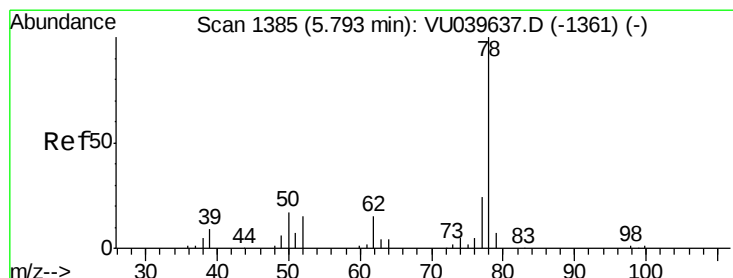
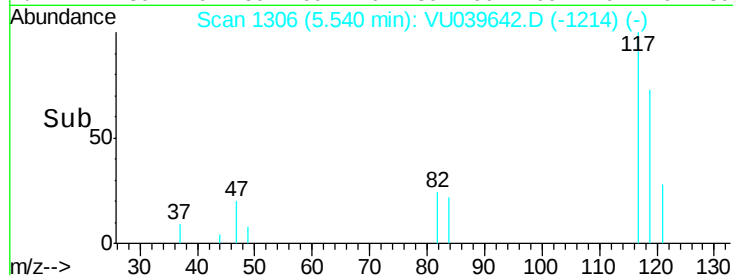
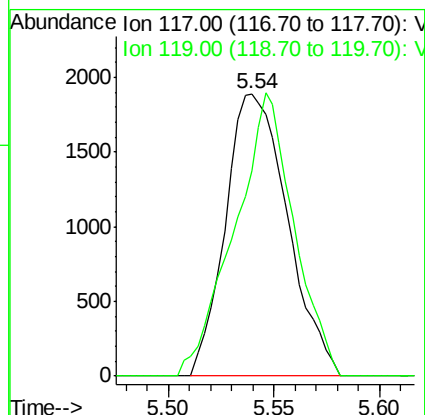
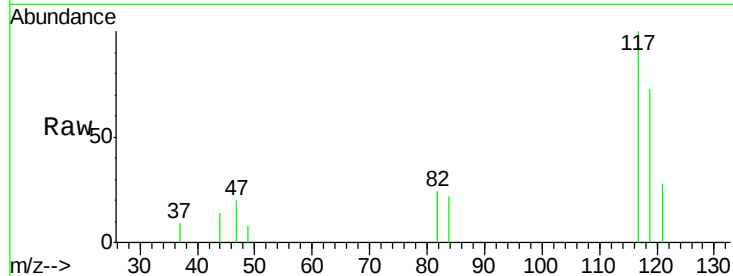
#31  
Carbon tetrachloride  
Concen: 2.072 ug/L  
RT: 5.54 min Scan# 1306  
Delta R.T. -0.00 min  
Lab File: VU039642.D  
Acq: 23 Jul 2020 17:57

Instrument :  
MSVOA\_U  
ClientSampleId :  
MDL03

Tot Ion:117 Resp: 3873  
Ion Ratio Lower Upper  
117 100  
119 95.7 78.2 117.4

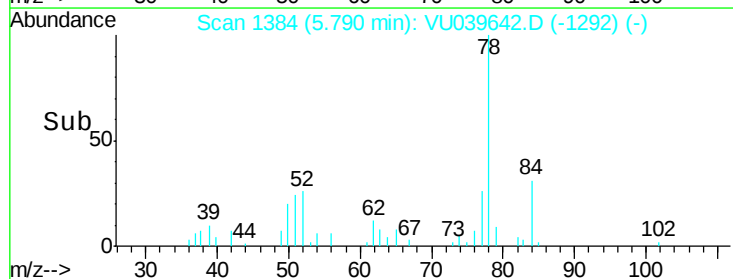
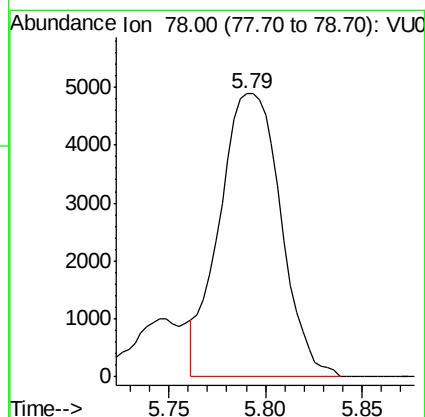
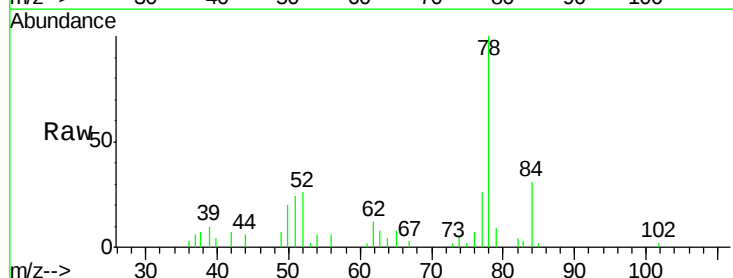
Manual Integrations  
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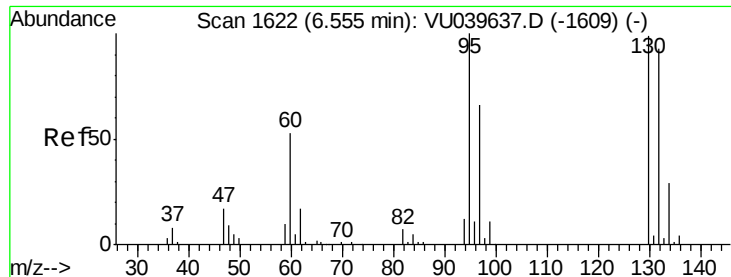
sam  
7/30/2020 2:58:31 AM



#33  
Benzene  
Concen: 2.079 ug/L  
RT: 5.79 min Scan# 1384  
Delta R.T. -0.00 min  
Lab File: VU039642.D  
Acq: 23 Jul 2020 17:57

Tgt Ion: 78 Resp: 10790





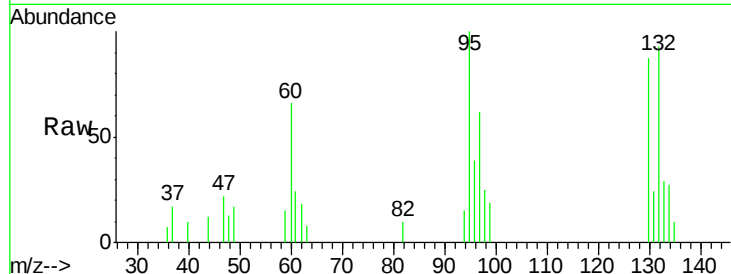
#34  
 Trichloroethene  
 Concen: 1.946 ug/L  
 RT: 6.55 min Scan# 1621  
 Delta R.T. -0.00 min  
 Lab File: VU039642.D  
 Acq: 23 Jul 2020 17:57

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 MDL03

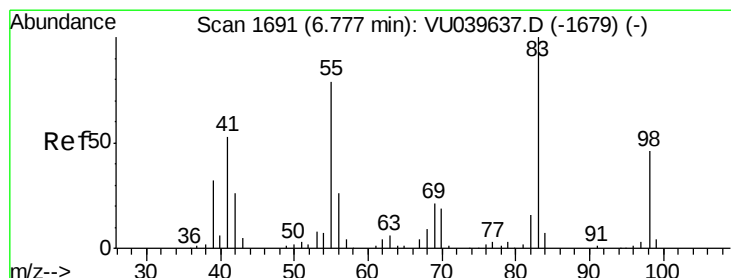
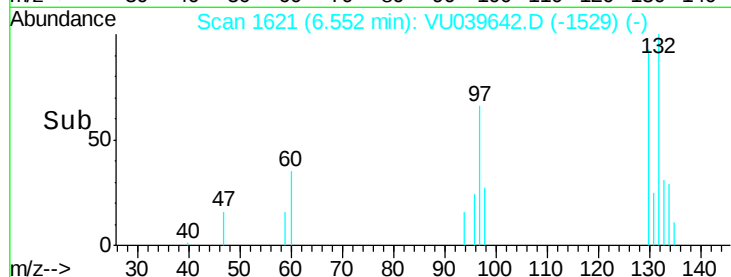
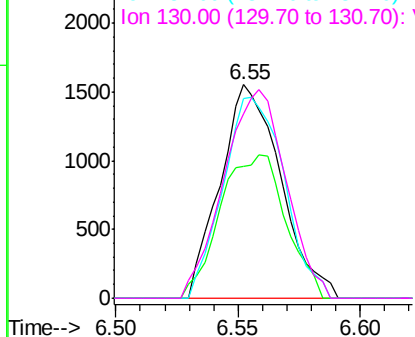
|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 95    | Resp: | 2671  |
| Ion      | Ratio | Lower | Upper |
| 95       | 100   |       |       |
| 97       | 61.6  | 45.5  | 84.5  |
| 132      | 93.5  | 65.0  | 120.6 |
| 130      | 86.5  | 67.9  | 126.1 |

Manual Integrations  
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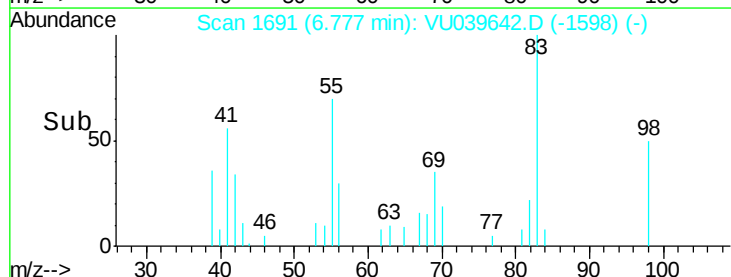
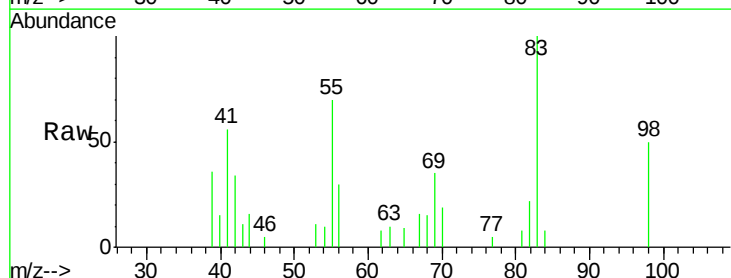
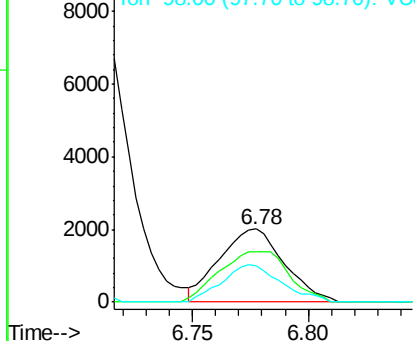
Abundance Ion 95.00 (94.70 to 95.70): VU0  
 Ion 97.00 (96.70 to 97.70): VU0  
 Ion 132.00 (131.70 to 132.70): V  
 Ion 130.00 (129.70 to 130.70): V

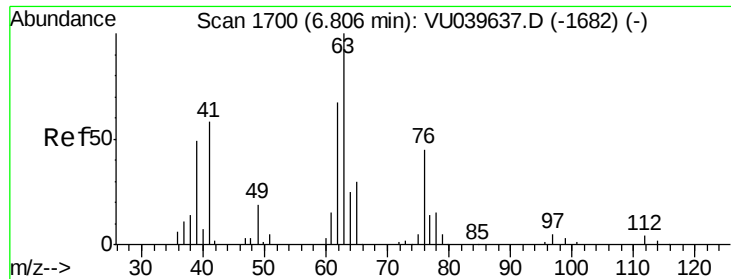


#35  
 Methylcyclohexane  
 Concen: 1.838 ug/L  
 RT: 6.78 min Scan# 1691  
 Delta R.T. 0.00 min  
 Lab File: VU039642.D  
 Acq: 23 Jul 2020 17:57

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 3901  |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 55       | 74.5  | 62.9  | 94.3  |
| 98       | 46.8  | 36.3  | 54.5  |

Abundance Ion 83.00 (82.70 to 83.70): VU0  
 Ion 55.00 (54.70 to 55.70): VU0  
 Ion 98.00 (97.70 to 98.70): VU0





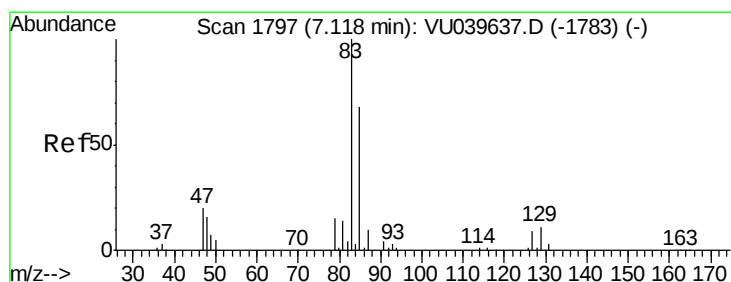
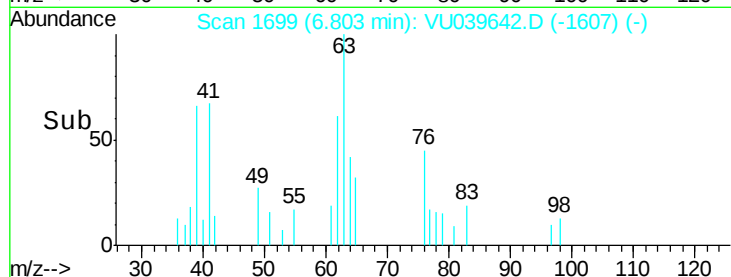
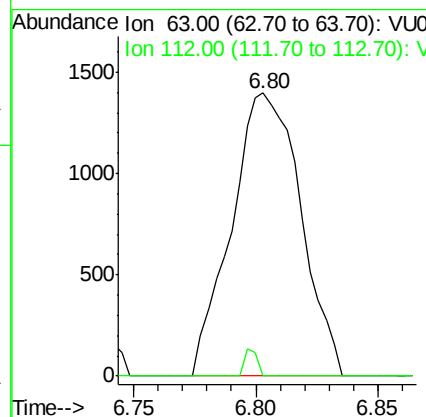
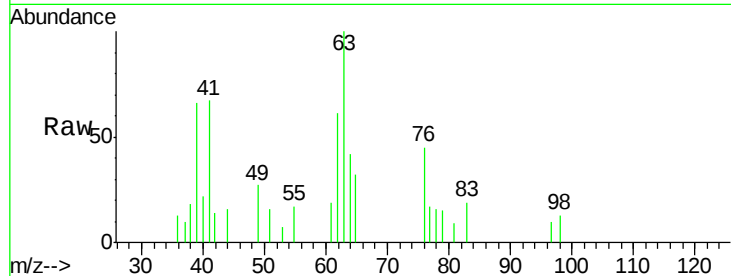
#37  
 1,2-Dichloropropane  
 Concen: 1.958 ug/L  
 RT: 6.80 min Scan# 1699  
 Delta R.T. -0.00 min  
 Lab File: VU039642.D  
 Acq: 23 Jul 2020 17:57

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 MDL03

Tot Ion: 63 Resp: 2751  
 Ion Ratio Lower Upper  
 63 100  
 112 1.8 3.0 4.4#

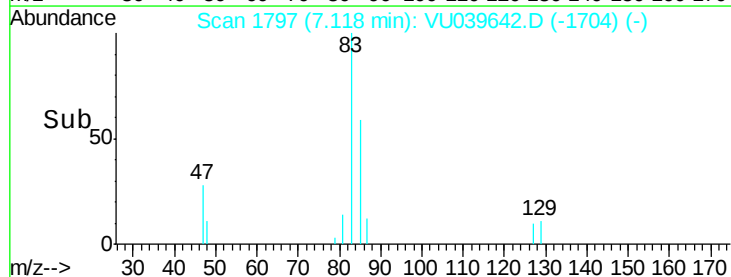
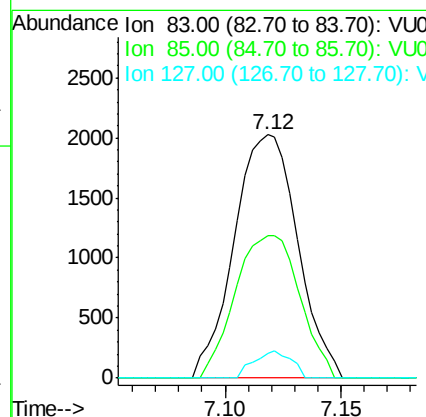
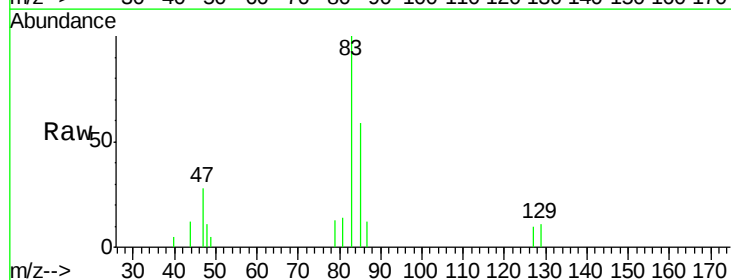
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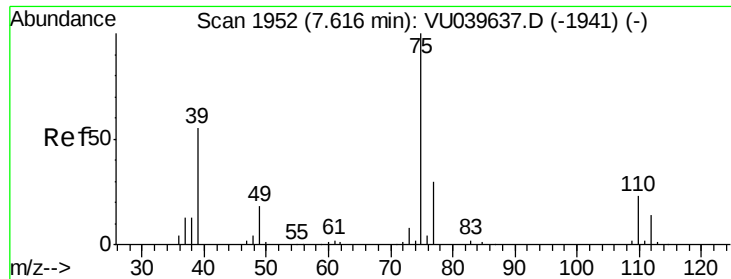
sam  
 7/30/2020 2:58:31 AM



#38  
 Bromodichloromethane  
 Concen: 2.062 ug/L  
 RT: 7.12 min Scan# 1797  
 Delta R.T. 0.00 min  
 Lab File: VU039642.D  
 Acq: 23 Jul 2020 17:57

Tgt Ion: 83 Resp: 3848  
 Ion Ratio Lower Upper  
 83 100  
 85 58.5 45.9 85.3  
 127 10.2 7.4 11.2





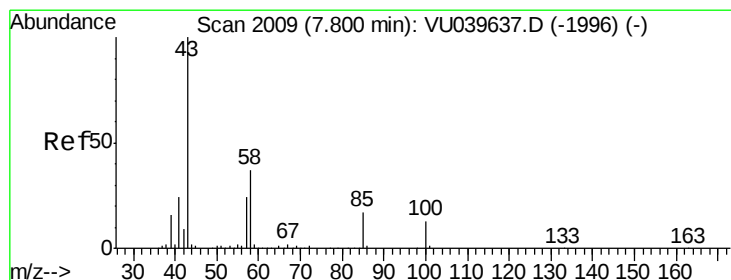
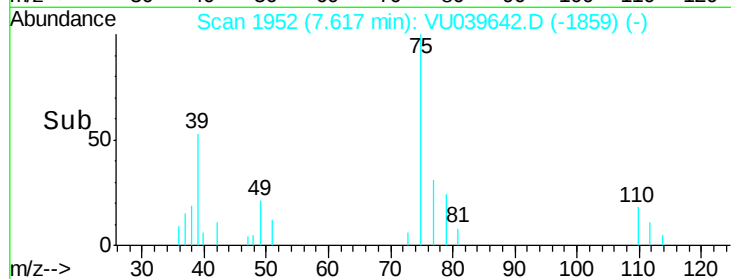
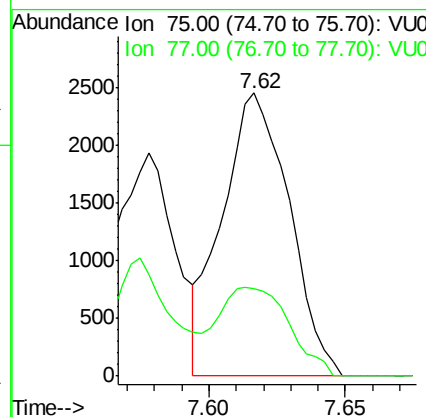
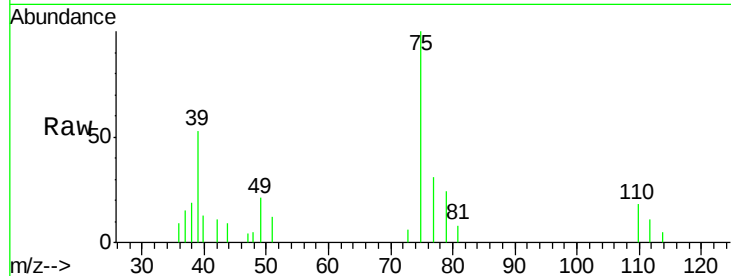
#39  
 cis-1,3-Dichloropropene  
 Concen: 1.997 ug/L  
 RT: 7.62 min Scan# 1952  
 Delta R.T. 0.00 min  
 Lab File: VU039642.D  
 Acq: 23 Jul 2020 17:57

Instrument :  
 MSVOA\_U  
 ClientSampled :  
 MDL03

Tot Ion: 75 Resp: 4193  
 Ion Ratio Lower Upper  
 75 100  
 77 30.9 21.8 40.6

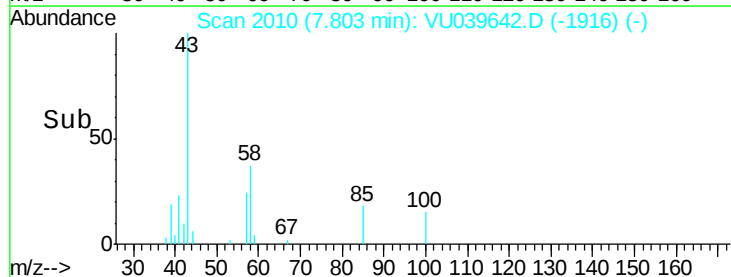
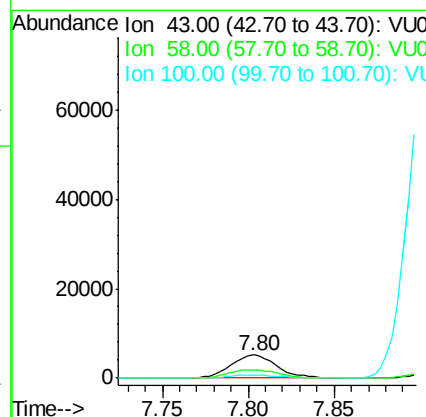
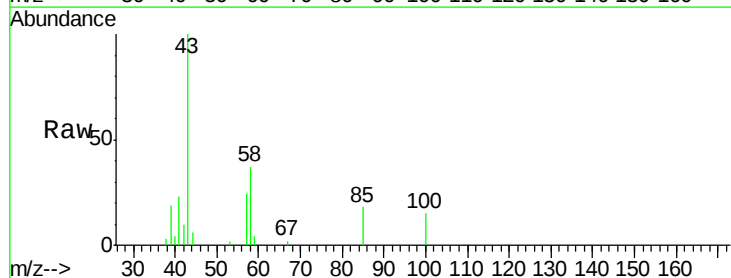
Manual Integrations  
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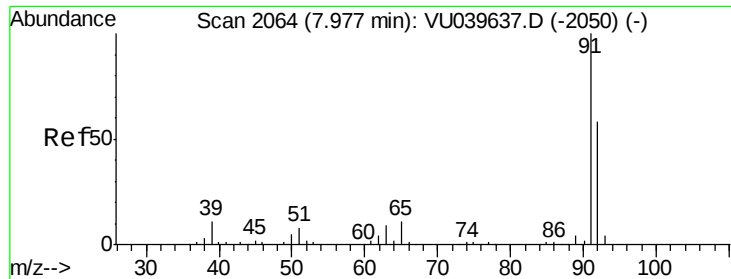
sam  
 7/30/2020 2:58:31 AM



#40  
 4-Methyl-2-pentanone  
 Concen: 3.962 ug/L  
 RT: 7.80 min Scan# 2010  
 Delta R.T. 0.00 min  
 Lab File: VU039642.D  
 Acq: 23 Jul 2020 17:57

Tgt Ion: 43 Resp: 9697  
 Ion Ratio Lower Upper  
 43 100  
 58 38.5 29.1 43.7  
 100 13.6 10.6 16.0





#42

Toluene

Concen: 2.033 ug/L

RT: 7.98 min Scan# 2065

Delta R.T. 0.00 min

Lab File: VU039642.D

Acq: 23 Jul 2020 17:57

Instrument :

MSVOA\_U

ClientSampleId :

MDL03

Tot Ion: 91 Resp: 11603

Ion Ratio Lower Upper

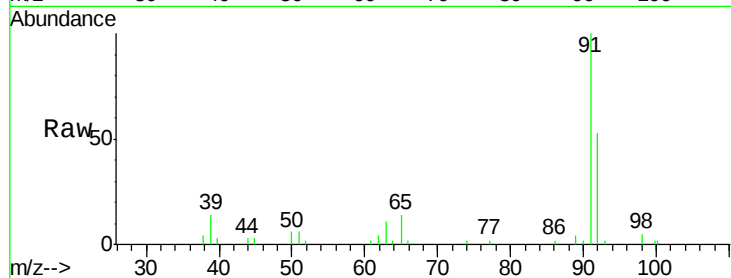
91 100

92 53.0 40.1 74.5

Manual Integrations  
APPROVED

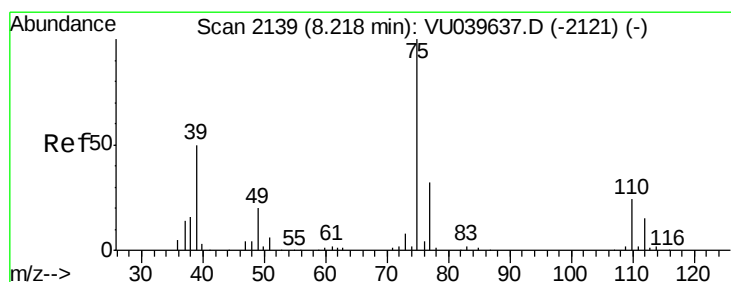
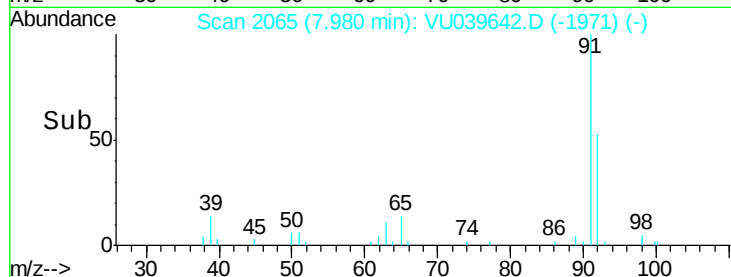
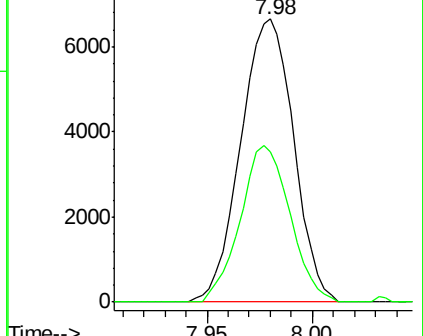
sam

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Abundance Ion 91.00 (90.70 to 91.70): VU039637.D (-2050) (-)

Ion 92.00 (91.70 to 92.70): VU039637.D (-2050) (-)



#44

trans-1,3-Dichloropropene

Concen: 1.858 ug/L

RT: 8.22 min Scan# 2139

Delta R.T. 0.00 min

Lab File: VU039642.D

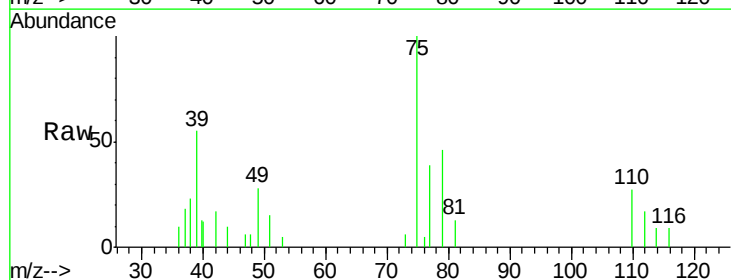
Acq: 23 Jul 2020 17:57

Tgt Ion: 75 Resp: 3821

Ion Ratio Lower Upper

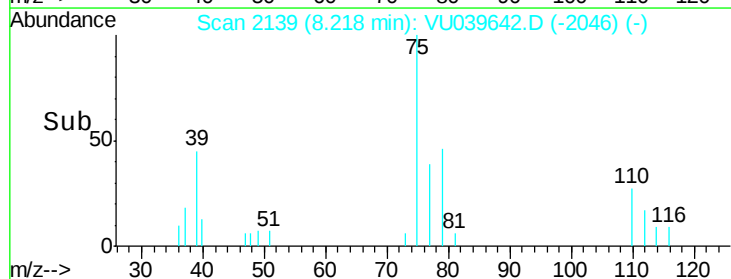
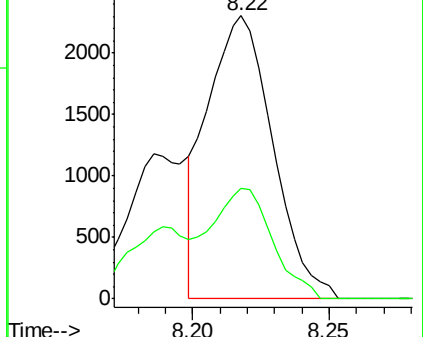
75 100

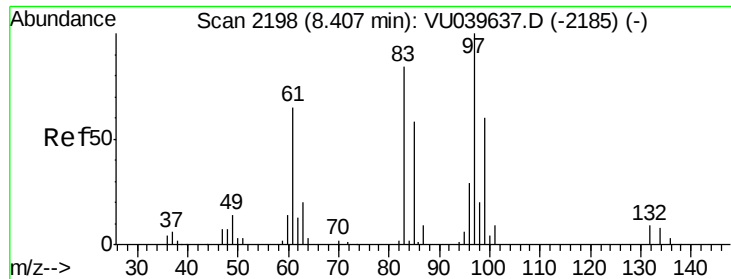
77 39.3 22.7 42.1



Abundance Ion 75.00 (74.70 to 75.70): VU039637.D (-2121) (-)

Ion 77.00 (76.70 to 77.70): VU039637.D (-2121) (-)





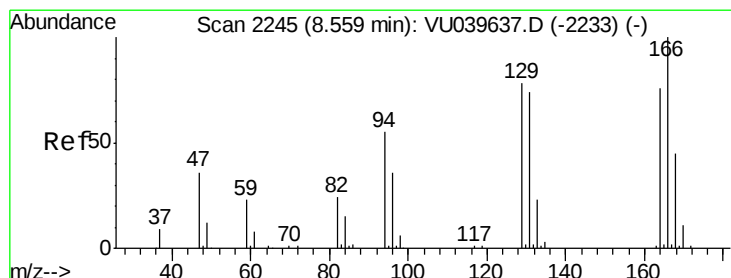
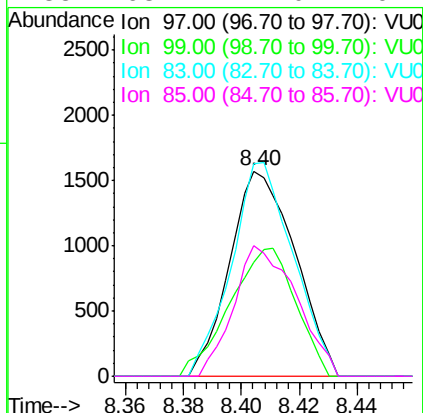
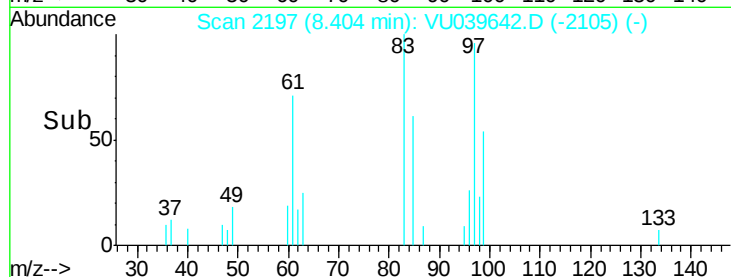
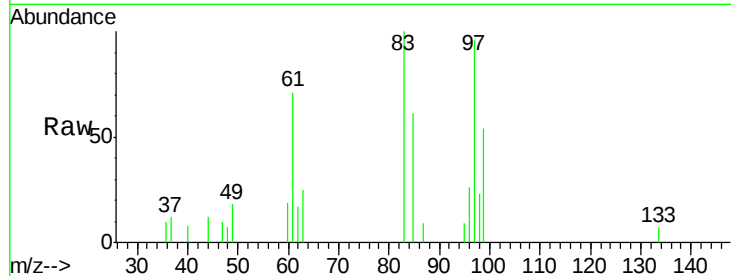
#45  
 1,1,2-Trichloroethane  
 Concen: 1.837 ug/L  
 RT: 8.40 min Scan# 2197  
 Delta R.T. -0.00 min  
 Lab File: VU039642.D  
 Acq: 23 Jul 2020 17:57

Instrument :  
 MSVOA\_U  
 ClientSampled :  
 MDL03

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 97    | Resp: | 2461  |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 99       | 55.7  | 45.1  | 83.9  |
| 83       | 103.7 | 62.7  | 116.5 |
| 85       | 63.4  | 41.0  | 76.2  |

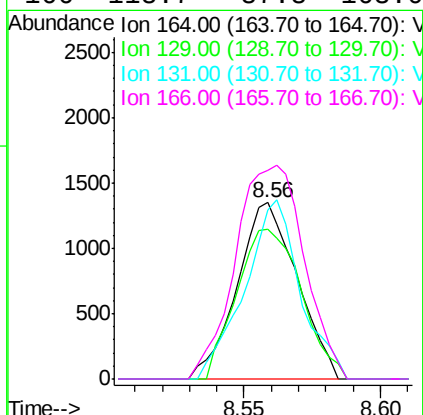
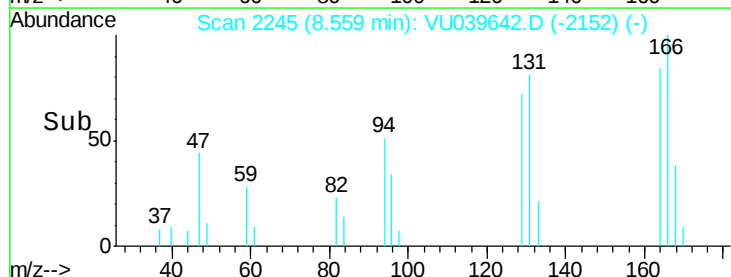
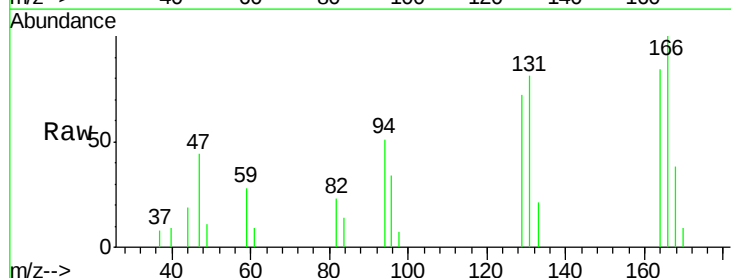
Manual Integrations  
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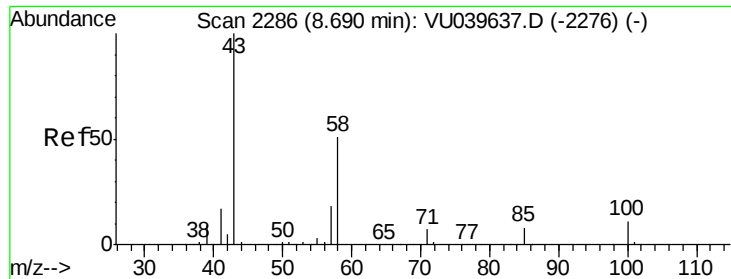
sam  
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#46  
 Tetrachloroethene  
 Concen: 1.980 ug/L  
 RT: 8.56 min Scan# 2245  
 Delta R.T. 0.00 min  
 Lab File: VU039642.D  
 Acq: 23 Jul 2020 17:57

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 164   | Resp: | 2056  |
| Ion      | Ratio | Lower | Upper |
| 164      | 100   |       |       |
| 129      | 85.1  | 71.1  | 132.1 |
| 131      | 95.9  | 70.3  | 130.5 |
| 166      | 118.7 | 87.8  | 163.0 |





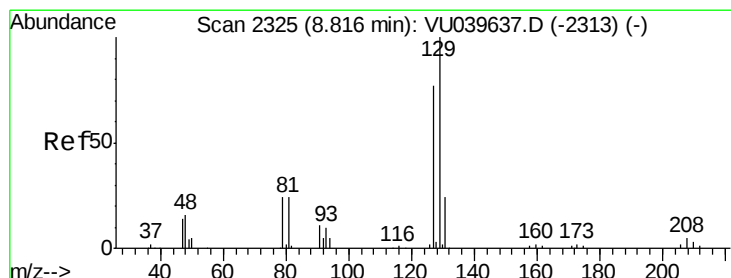
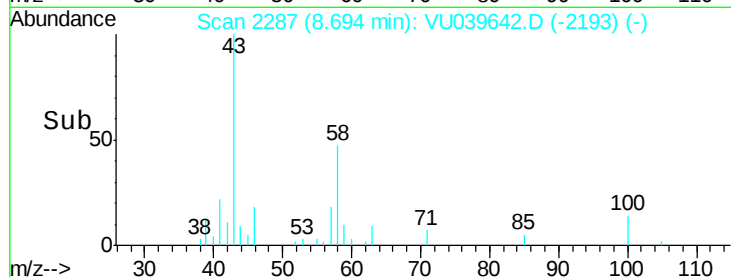
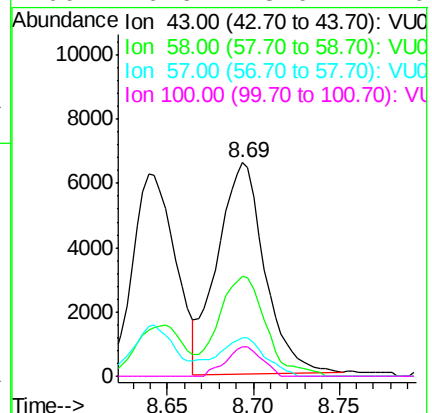
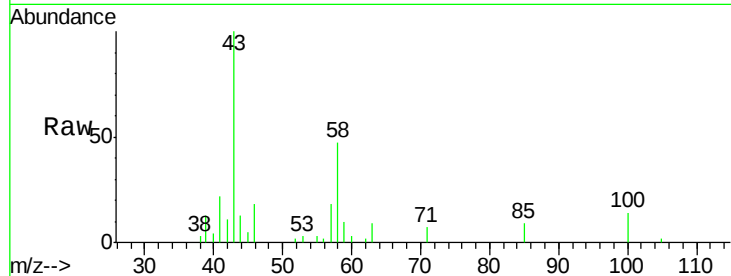
#48  
2-Hexanone  
Concen: 6.300 ug/L  
RT: 8.69 min Scan# 2287  
Delta R.T. 0.00 min  
Lab File: VU039642.D  
Acq: 23 Jul 2020 17:57

Instrument :  
MSVOA\_U  
ClientSampleId :  
MDL03

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 43    | Resp: | 12564 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 48.0  | 40.6  | 61.0  |
| 57       | 16.4  | 14.5  | 21.7  |
| 100      | 10.6  | 8.0   | 12.0  |

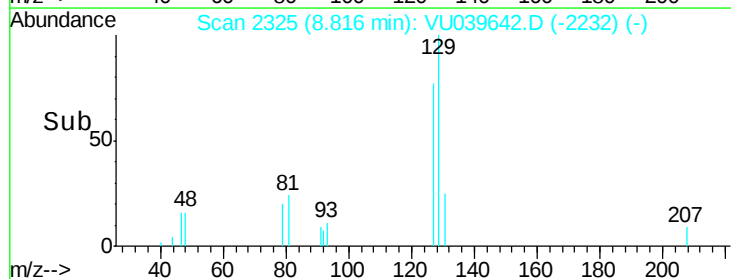
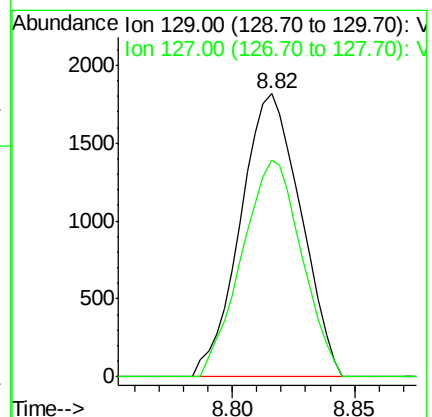
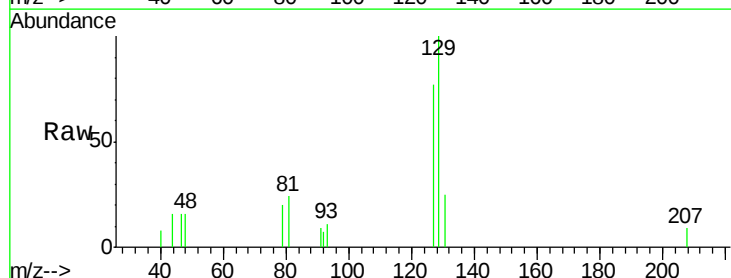
Manual Integrations  
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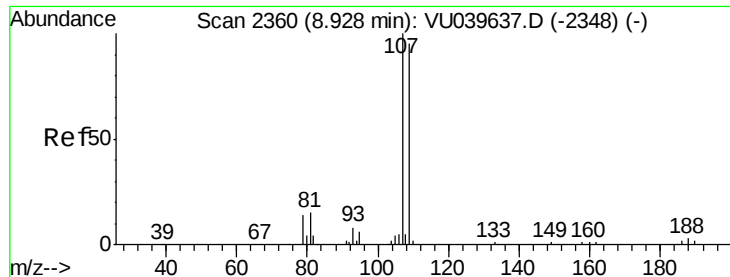
sam  
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#49  
Dibromochloromethane  
Concen: 2.062 ug/L  
RT: 8.82 min Scan# 2325  
Delta R.T. 0.00 min  
Lab File: VU039642.D  
Acq: 23 Jul 2020 17:57

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 129   | Resp: | 3119  |
| Ion      | Ratio | Lower | Upper |
| 129      | 100   |       |       |
| 127      | 76.6  | 54.3  | 100.9 |





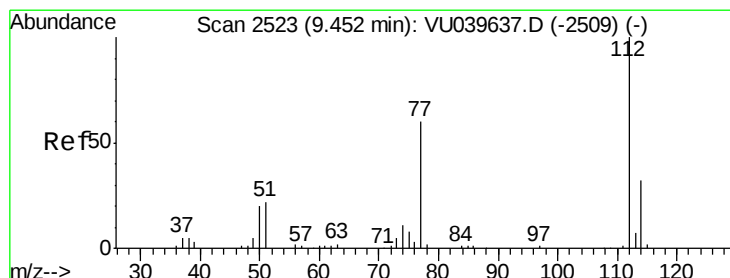
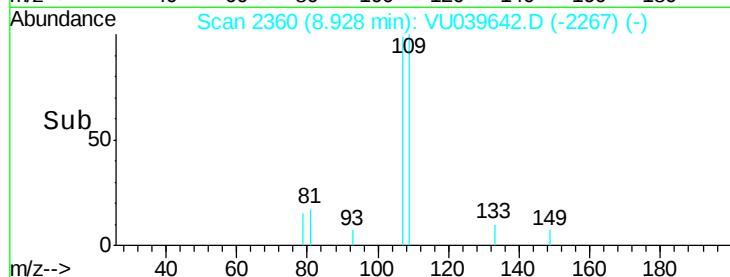
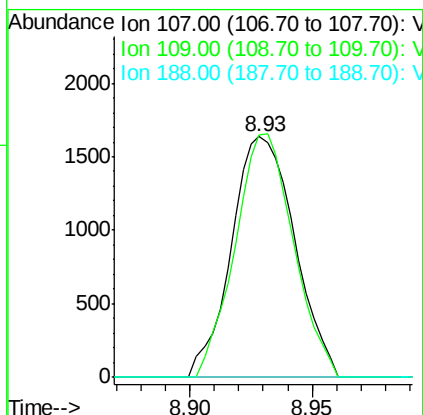
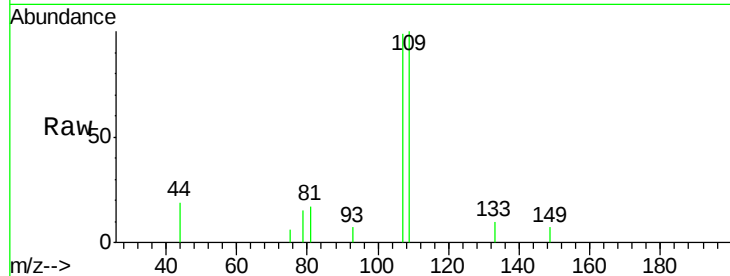
#50  
 1,2-Dibromoethane  
 Concen: 1.973 ug/L  
 RT: 8.93 min Scan# 2360  
 Delta R.T. 0.00 min  
 Lab File: VU039642.D  
 Acq: 23 Jul 2020 17:57

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 MDL03

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 109     | 100.6 | 66.8  | 124.2 |
| 188     | 0.0   | 3.0   | 4.4#  |

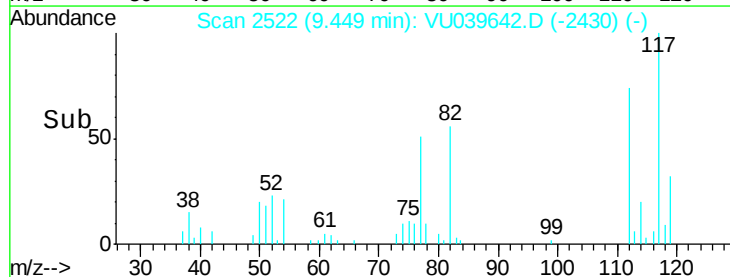
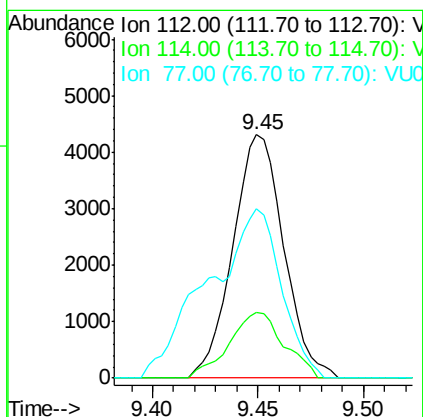
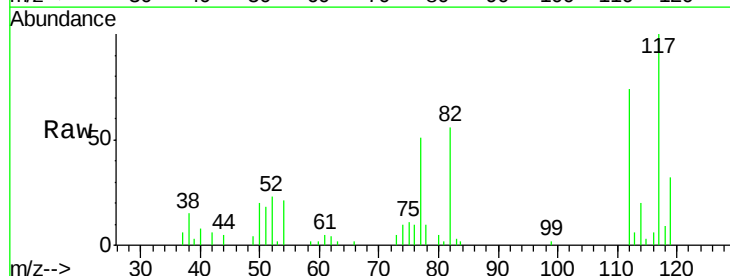
Manual Integrations  
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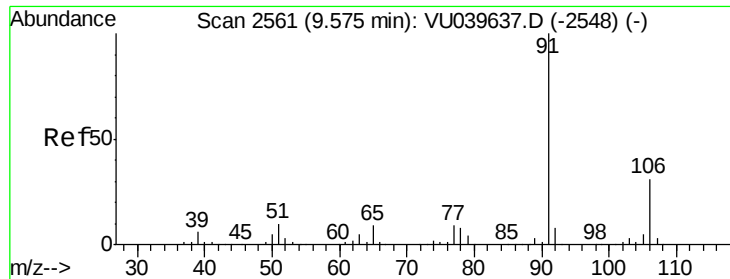
sam  
 7/30/2020 2:58:31 AM



#51  
 Chlorobenzene  
 Concen: 1.988 ug/L  
 RT: 9.45 min Scan# 2522  
 Delta R.T. -0.00 min  
 Lab File: VU039642.D  
 Acq: 23 Jul 2020 17:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 114     | 26.8  | 22.9  | 42.5  |
| 77      | 69.4  | 49.4  | 74.0  |





#52

Ethylbenzene

Concen: 1.881 ug/L

RT: 9.57 min Scan# 2561

Delta R.T. 0.00 min

Lab File: VU039642.D

Acq: 23 Jul 2020 17:57

Instrument :

MSVOA\_U

ClientSampleId :

MDL03

Tot Ion: 91 Resp: 11864

Ion Ratio Lower Upper

91 100

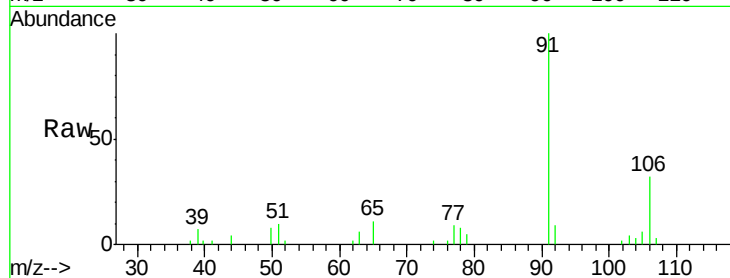
106 32.3 21.1 39.1

Manual Integrations

APPROVED

Sam

7/30/2020 2:58:31 AM



Abundance Ion 91.00 (90.70 to 91.70): VU039642.D (-2468) (-)

Ion 106.00 (105.70 to 106.70): VU039642.D (-2468) (-)

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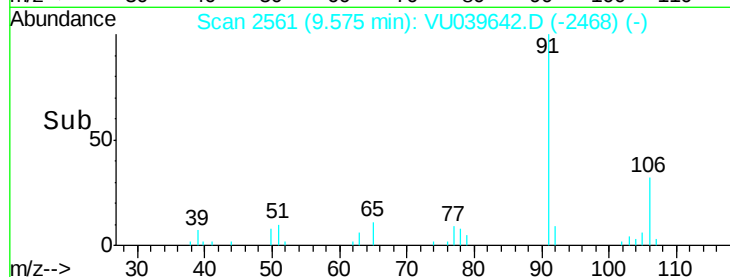
9.57

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Abundance Ion 91.00 (90.70 to 91.70): VU039642.D (-2468) (-)

Ion 106.00 (105.70 to 106.70): VU039642.D (-2468) (-)

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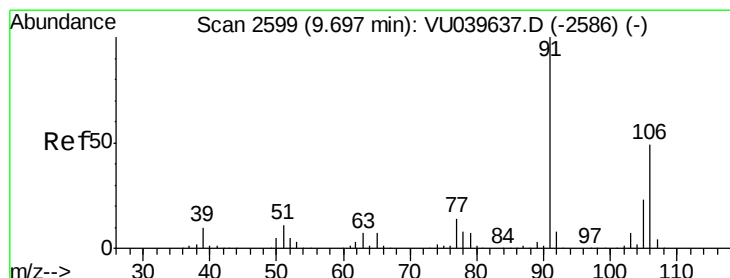
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#53

m,p-Xylene

Concen: 1.871 ug/L

RT: 9.69 min Scan# 2598

Delta R.T. -0.00 min

Lab File: VU039642.D

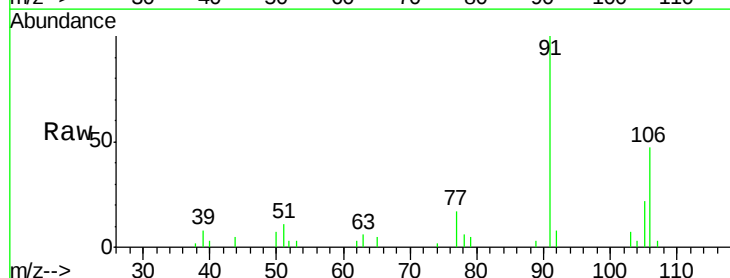
Acq: 23 Jul 2020 17:57

Tgt Ion: 106 Resp: 4447

Ion Ratio Lower Upper

106 100

91 214.9 149.7 277.9



Abundance Ion 106.00 (105.70 to 106.70): VU039642.D (-2506) (-)

Ion 91.00 (90.70 to 91.70): VU039642.D (-2506) (-)

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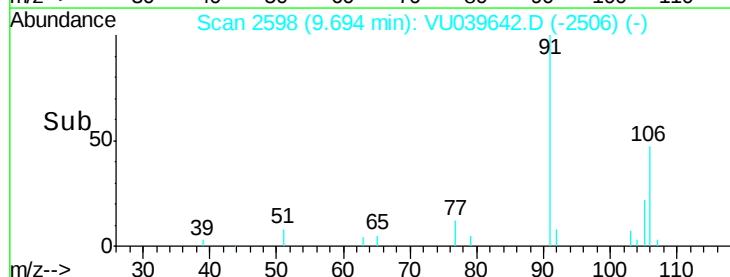
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Abundance Ion 106.00 (105.70 to 106.70): VU039642.D (-2506) (-)

Ion 91.00 (90.70 to 91.70): VU039642.D (-2506) (-)

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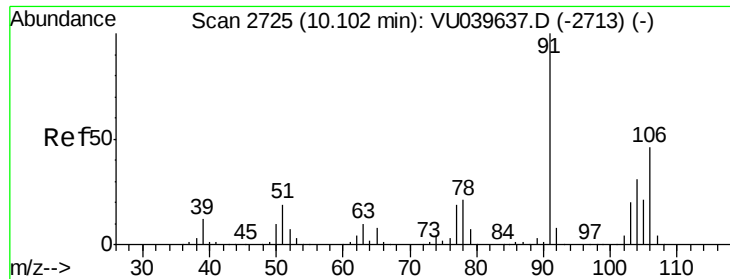
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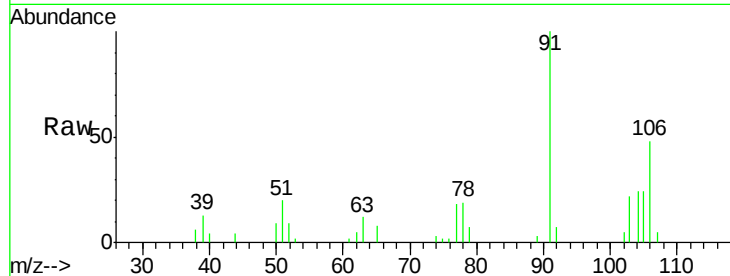
#54  
o-xylene  
Concen: 1.916 ug/L  
RT: 10.10 min Scan# 2725  
Delta R.T. 0.00 min  
Lab File: VU039642.D  
Acq: 23 Jul 2020 17:57

Instrument :  
MSVOA\_U  
ClientSampled :  
MDL03

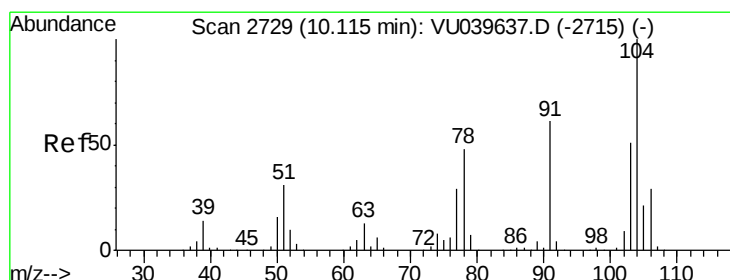
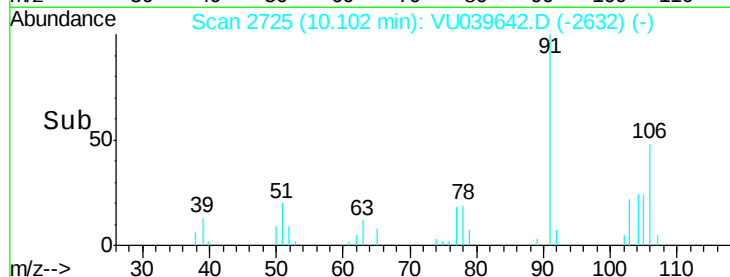
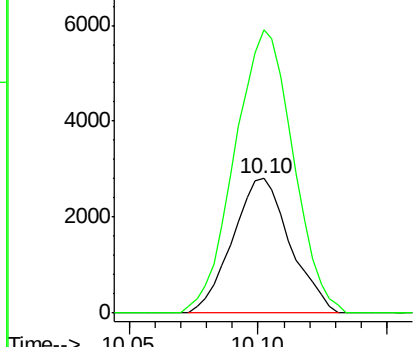
Tot Ion:106 Resp: 4371  
Ion Ratio Lower Upper  
106 100  
91 209.9 155.1 288.1

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sam  
7/30/2020 2:58:31 AM

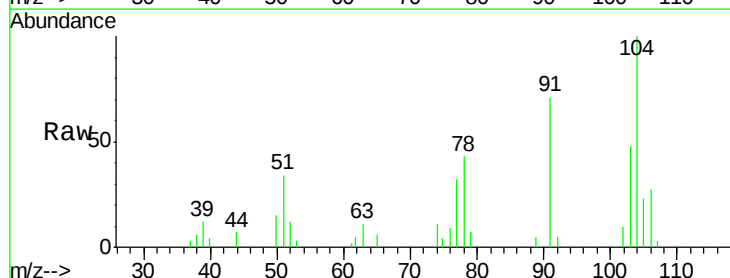


Abundance Ion 106.00 (105.70 to 106.70): V  
Ion 91.00 (90.70 to 91.70): VU0

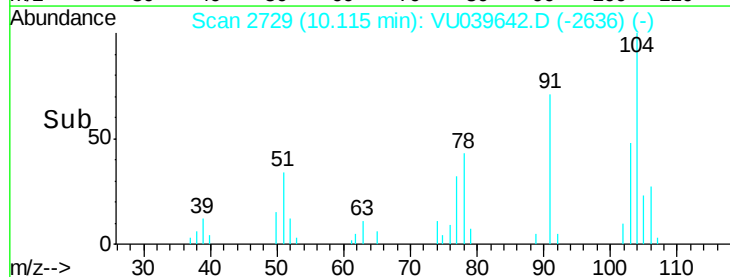
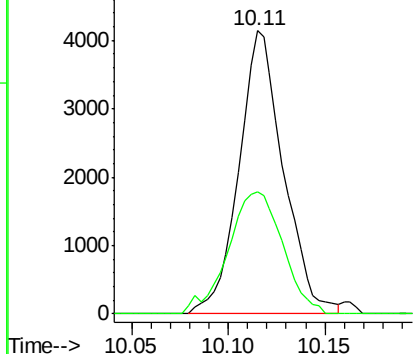


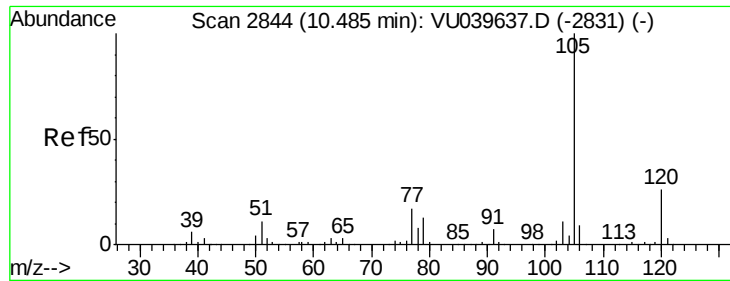
#55  
Styrene  
Concen: 1.679 ug/L  
RT: 10.11 min Scan# 2729  
Delta R.T. 0.00 min  
Lab File: VU039642.D  
Acq: 23 Jul 2020 17:57

Tgt Ion:104 Resp: 6628  
Ion Ratio Lower Upper  
104 100  
78 43.2 34.3 63.7



Abundance Ion 104.00 (103.70 to 104.70): V  
Ion 78.00 (77.70 to 78.70): VU0





#56

Isopropylbenzene

Concen: 1.868 ug/L

RT: 10.49 min Scan# 2845

Delta R.T. 0.00 min

Lab File: VU039642.D

Acq: 23 Jul 2020 17:57

Instrument :

MSVOA\_U

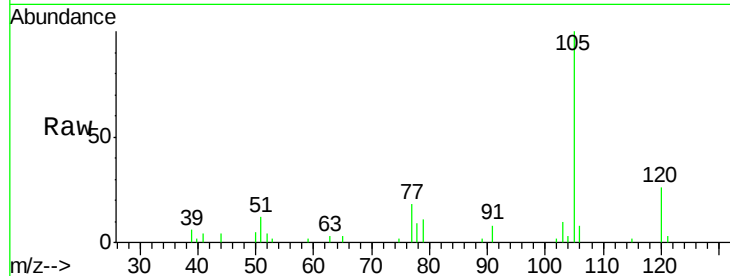
ClientSampled :

MDL03

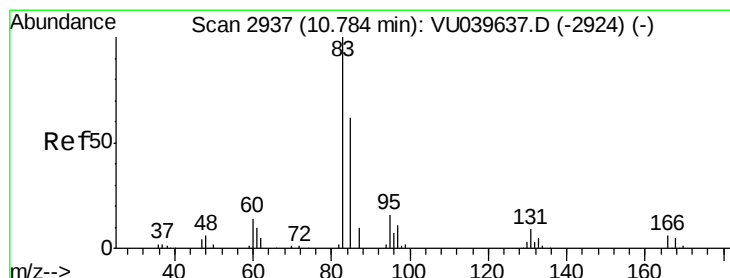
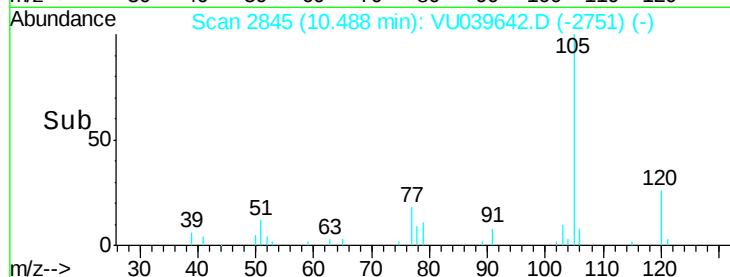
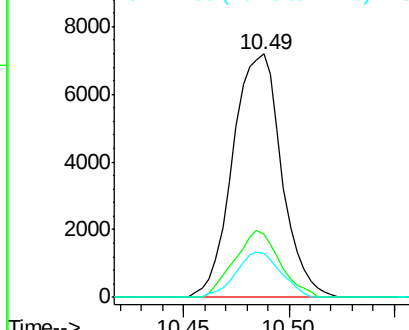
|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 105   | Resp: | 11569 |
| Ion Ratio | Lower | Upper |       |
| 105       | 100   |       |       |
| 120       | 25.4  | 20.6  | 31.0  |
| 77        | 17.0  | 13.4  | 20.2  |

Manual Integrations  
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Abundance Ion 105.00 (104.70 to 105.70): V  
Ion 120.00 (119.70 to 120.70): V  
Ion 77.00 (76.70 to 77.70): V



#58

1,1,2,2-Tetrachloroethane

Concen: 2.212 ug/L

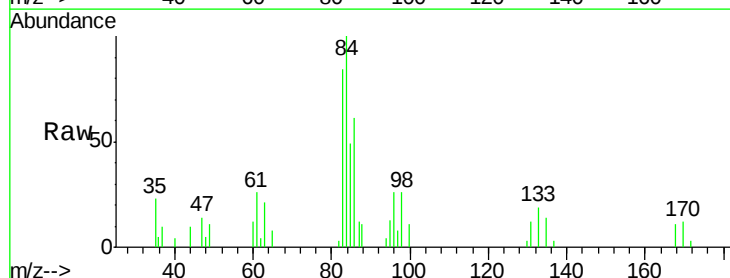
RT: 10.78 min Scan# 2937

Delta R.T. 0.00 min

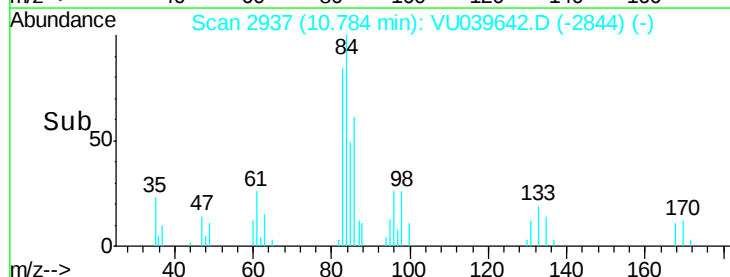
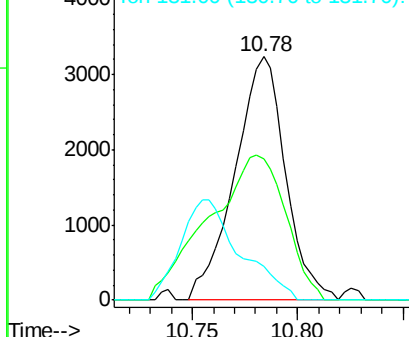
Lab File: VU039642.D

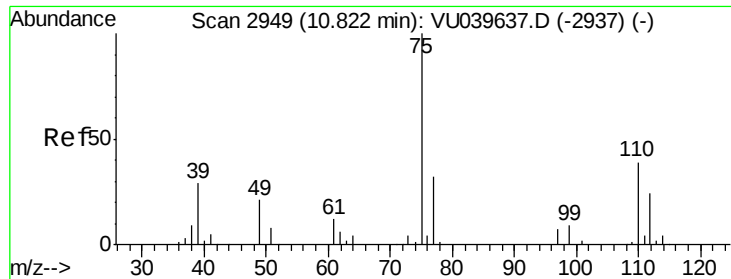
Acq: 23 Jul 2020 17:57

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 83    | Resp: | 5402  |
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 85        | 57.9  | 46.4  | 86.2  |
| 131       | 13.9  | 7.8   | 11.6# |



Abundance Ion 83.00 (82.70 to 83.70): VU  
Ion 85.00 (84.70 to 85.70): VU  
Ion 131.00 (130.70 to 131.70): V





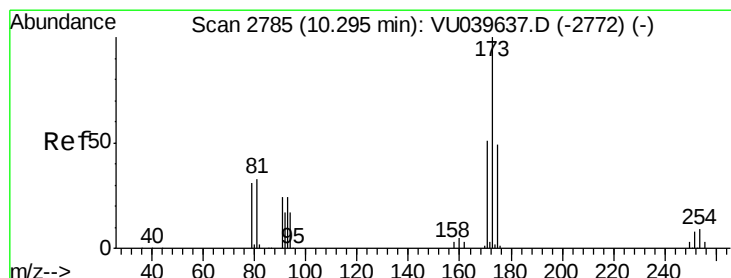
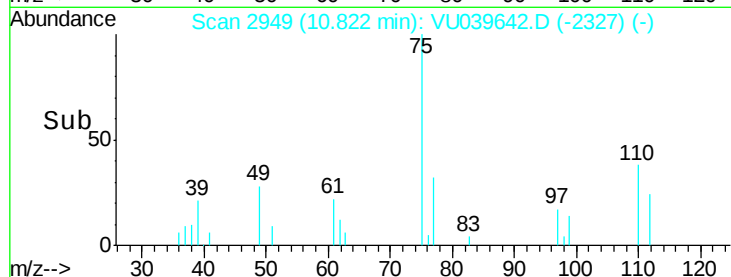
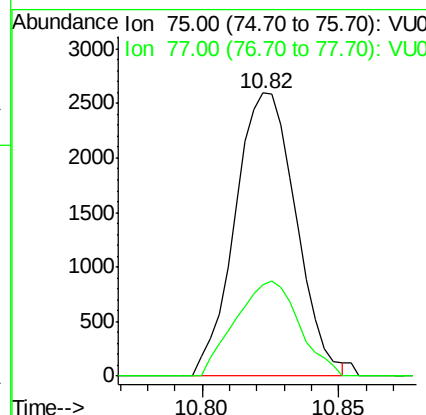
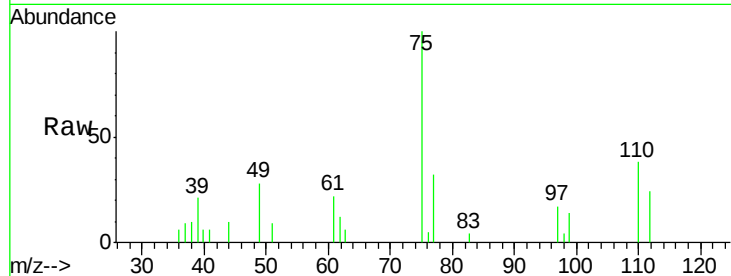
#59  
1,2,3-Trichloropropane  
Concen: 1.974 ug/L  
RT: 10.82 min Scan# 2949  
Delta R.T. 0.00 min  
Lab File: VU039642.D  
Acq: 23 Jul 2020 17:57

Instrument :  
MSVOA\_U  
ClientSampled :  
MDL03

Tot Ion: 75 Resp: 4024  
Ion Ratio Lower Upper  
75 100  
77 35.1 25.4 38.2

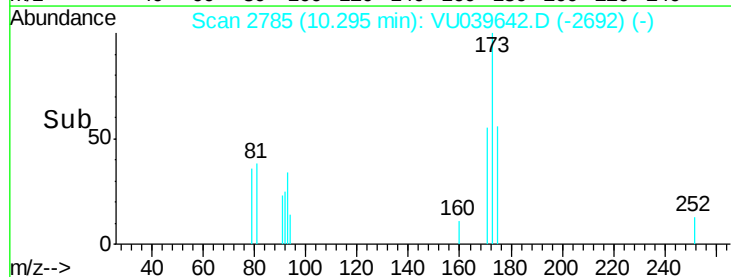
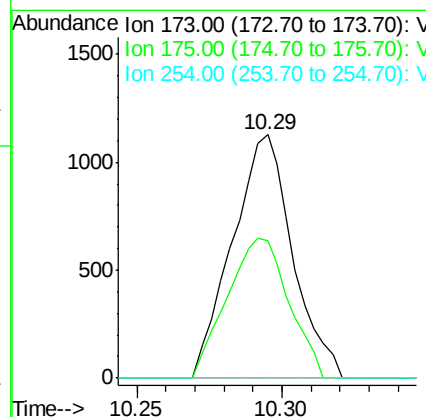
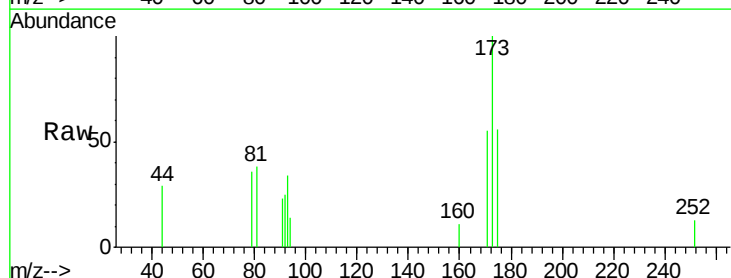
Manual Integrations  
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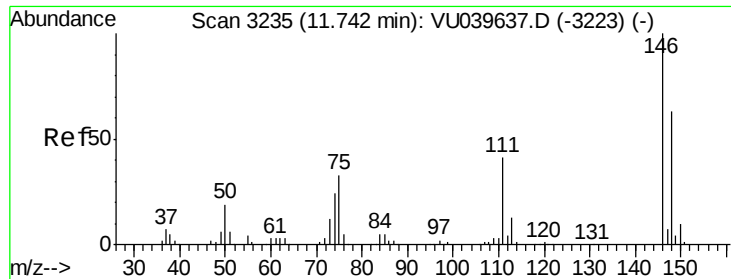
sam  
7/30/2020 2:58:31 AM



#61  
Bromoform  
Concen: 1.556 ug/L  
RT: 10.29 min Scan# 2785  
Delta R.T. 0.00 min  
Lab File: VU039642.D  
Acq: 23 Jul 2020 17:57

Tgt Ion: 173 Resp: 1623  
Ion Ratio Lower Upper  
173 100  
175 58.8 38.4 57.6#  
254 0.0 7.0 10.6#





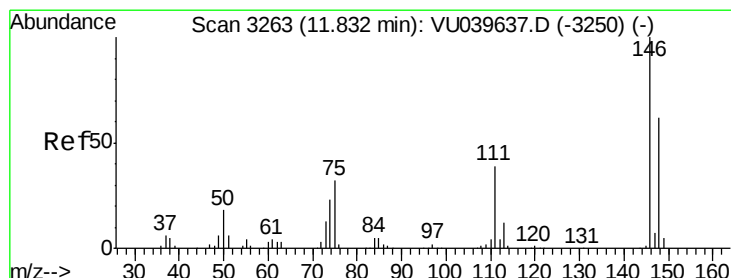
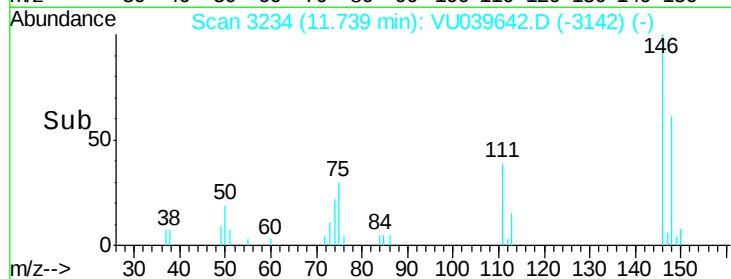
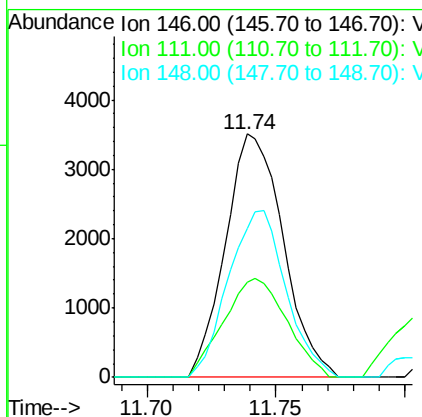
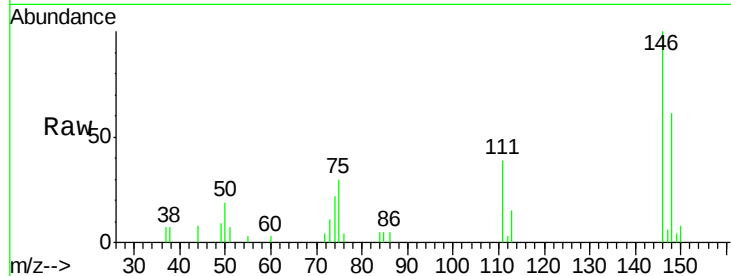
#62  
 1,3-Dichlorobenzene  
 Concen: 2.033 ug/L  
 RT: 11.74 min Scan# 3234  
 Delta R.T. -0.00 min  
 Lab File: VU039642.D  
 Acq: 23 Jul 2020 17:57

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 MDL03

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 39.2  | 29.3  | 54.3  |
| 148     | 61.1  | 46.1  | 85.5  |

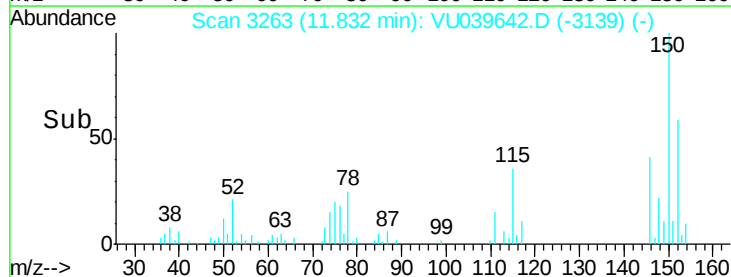
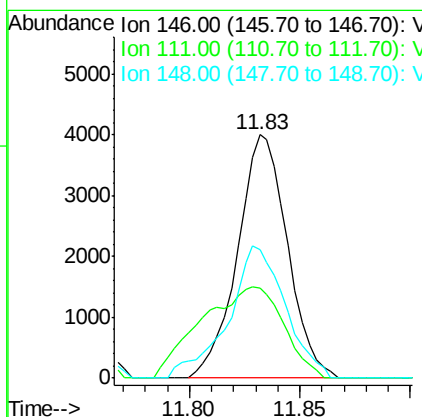
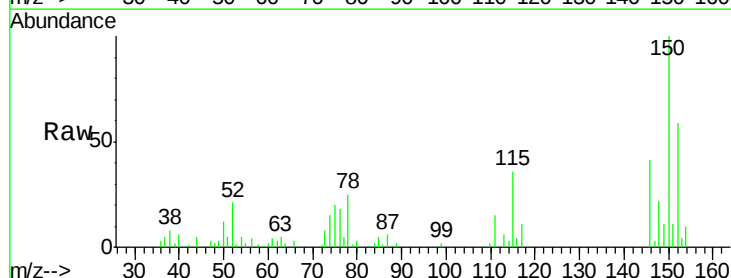
Manual Integrations  
 APPROVED

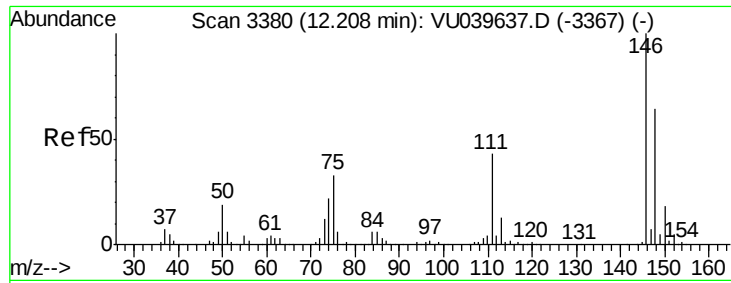
sam  
 7/30/2020 2:58:31 AM



#63  
 1,4-Dichlorobenzene  
 Concen: 2.327 ug/L  
 RT: 11.83 min Scan# 3263  
 Delta R.T. 0.00 min  
 Lab File: VU039642.D  
 Acq: 23 Jul 2020 17:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 36.8  | 27.8  | 51.6  |
| 148     | 52.9  | 44.7  | 83.1  |





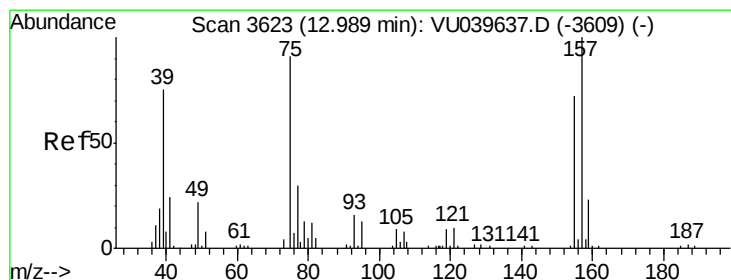
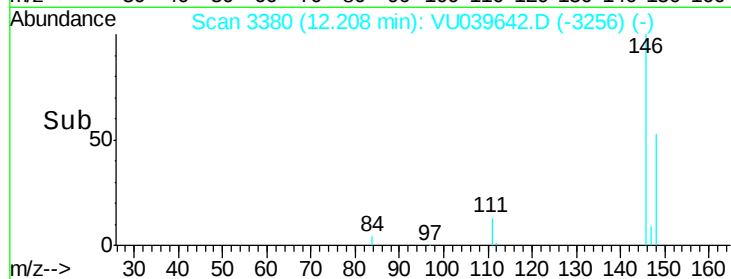
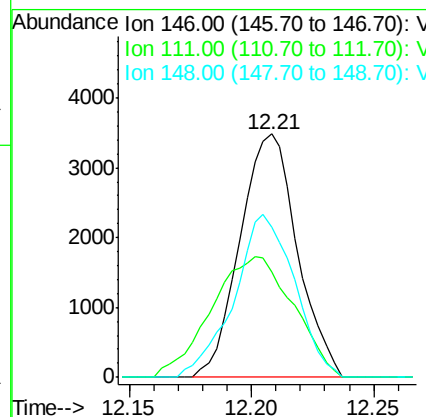
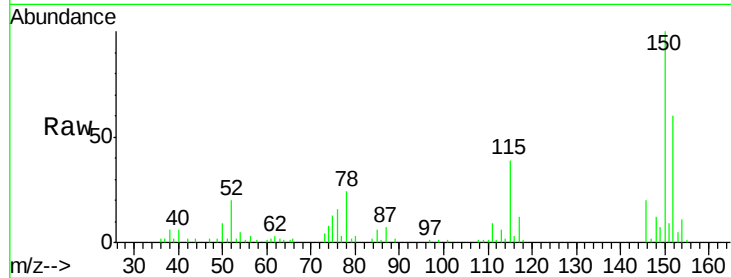
#65  
 1,2-Dichlorobenzene  
 Concen: 2.076 ug/L  
 RT: 12.21 min Scan# 3380  
 Delta R.T. 0.00 min  
 Lab File: VU039642.D  
 Acq: 23 Jul 2020 17:57

Instrument :  
 MSVOA\_U  
 ClientSampled :  
 MDL03

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 43.1  | 34.8  | 52.2  |
| 148     | 61.9  | 52.5  | 78.7  |

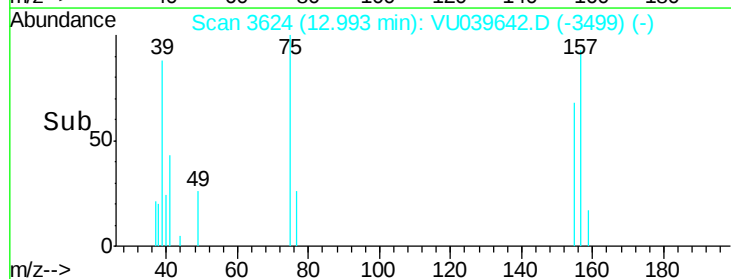
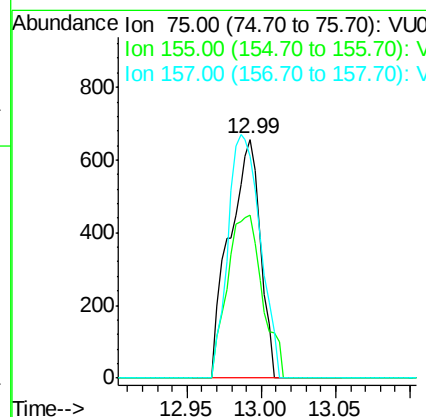
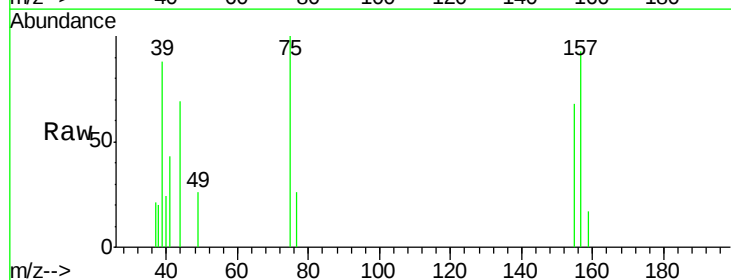
Manual Integrations  
 APPROVED

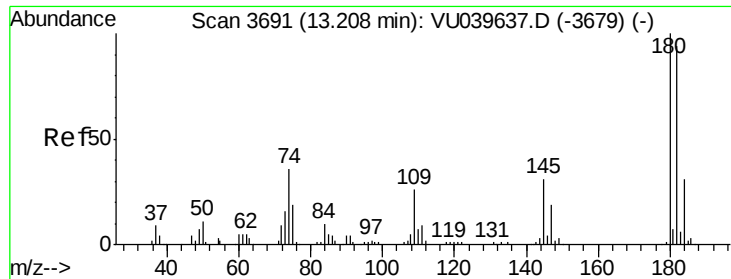
sam  
 7/30/2020 2:58:31 AM



#66  
 1,2-Dibromo-3-chloropropane  
 Concen: 1.724 ug/L m  
 RT: 12.99 min Scan# 3624  
 Delta R.T. 0.00 min  
 Lab File: VU039642.D  
 Acq: 23 Jul 2020 17:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 68.1  | 62.4  | 93.6  |
| 157     | 92.9  | 78.9  | 118.3 |





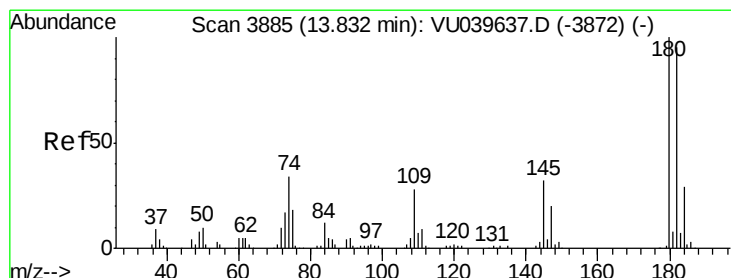
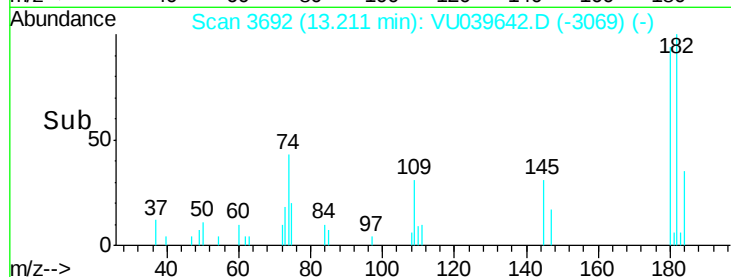
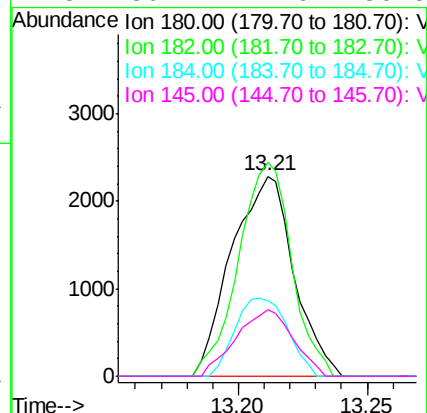
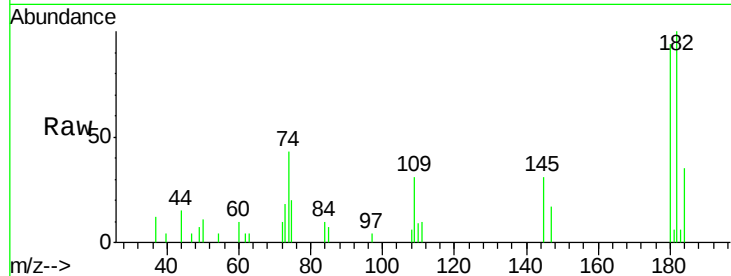
#67  
 1,3,5-Trichlorobenzene  
 Concen: 1.965 ug/L  
 RT: 13.21 min Scan# 3692  
 Delta R.T. 0.00 min  
 Lab File: VU039642.D  
 Acq: 23 Jul 2020 17:57

Instrument :  
 MSVOA\_U  
 ClientSampled :  
 MDL03

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 91.2  | 75.7  | 113.5 |
| 184     | 33.1  | 24.2  | 36.2  |
| 145     | 30.4  | 24.6  | 36.8  |

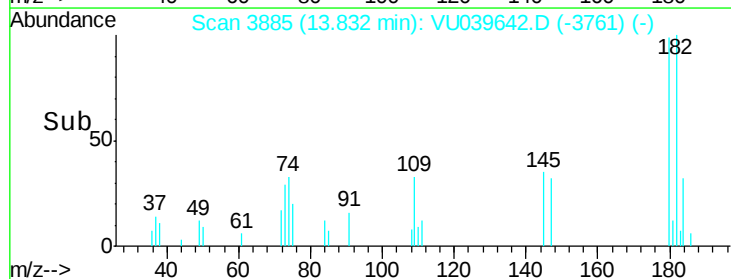
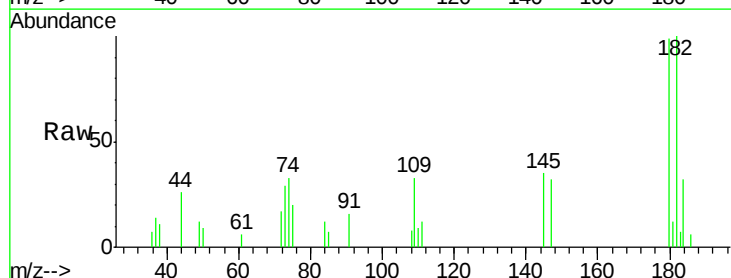
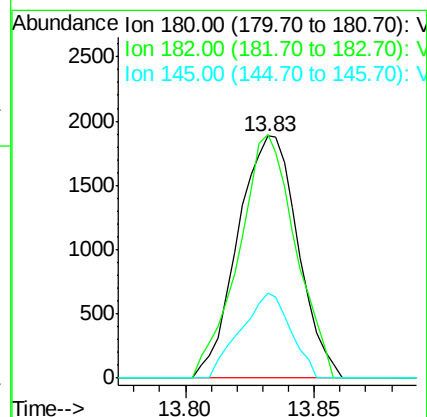
Manual Integrations  
 APPROVED

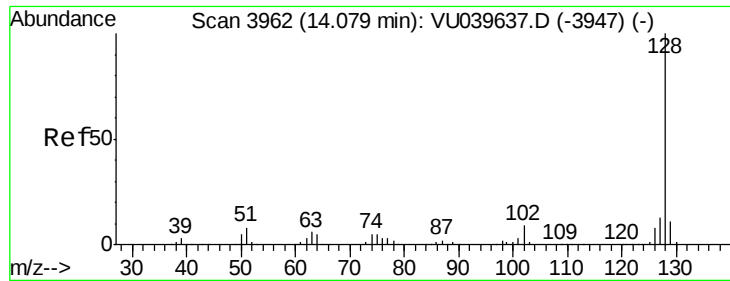
sam  
 7/30/2020 2:58:31 AM



#68  
 1,2,4-trichlorobenzene  
 Concen: 1.846 ug/L  
 RT: 13.83 min Scan# 3885  
 Delta R.T. 0.00 min  
 Lab File: VU039642.D  
 Acq: 23 Jul 2020 17:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.4  | 74.4  | 111.6 |
| 145     | 29.2  | 24.8  | 37.2  |





#69

Naphthalene

Concen: 1.638 ug/L

RT: 14.08 min Scan# 3961

Delta R.T. -0.00 min

Lab File: VU039642.D

Acq: 23 Jul 2020 17:57

Instrument :

MSVOA\_U

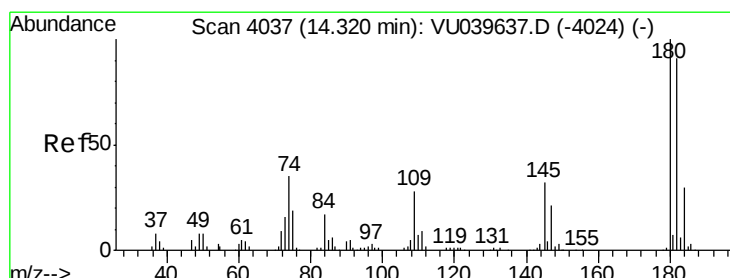
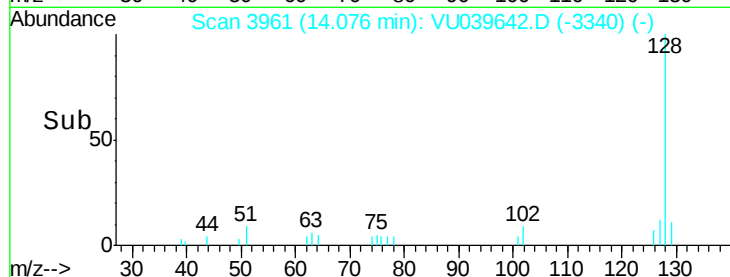
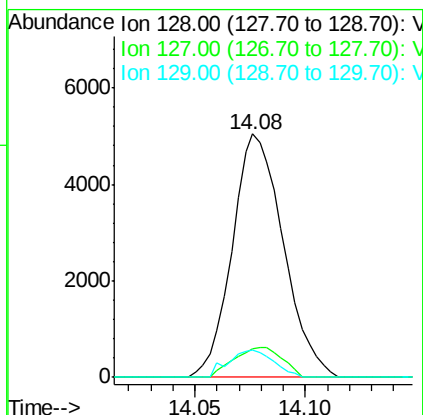
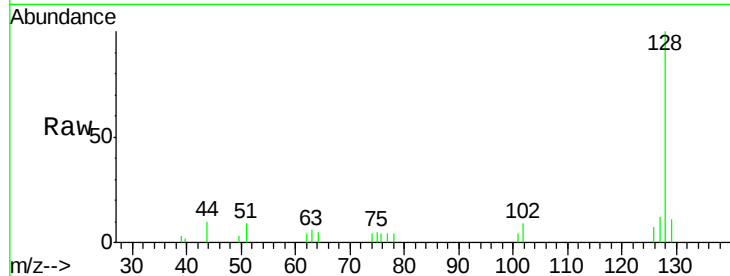
ClientSampleId :

MDL03

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 128   | Resp: | 8121  |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 127      | 11.7  | 10.7  | 16.1  |
| 129      | 10.0  | 8.8   | 13.2  |

Manual Integrations  
APPROVED

sam  
7/30/2020 2:58:31 AM



#70

1,2,3-Trichlorobenzene

Concen: 1.731 ug/L

RT: 14.32 min Scan# 4037

Delta R.T. 0.00 min

Lab File: VU039642.D

Acq: 23 Jul 2020 17:57

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 180   | Resp: | 2890  |
| Ion      | Ratio | Lower | Upper |
| 180      | 100   |       |       |
| 182      | 101.8 | 76.6  | 114.8 |
| 145      | 32.8  | 27.0  | 40.4  |

