

Data File : VU034973.D  
Acq On : 07 Oct 2019 20:39  
Operator : JC/SP  
Sample : K5219-14  
Misc : 25.0mL/MSVOA\_U/WATER  
ALS Vial : 29 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
RB-2-191001-01

Quant Time: Oct 09 04:04:00 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR100719WMA.M  
Quant Title : TRACE VOA SOM01.0  
QLast Update : Wed Oct 09 03:56:49 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.87  | 114  | 182907   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.07  | 117  | 185583   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.47 | 152  | 78798    | 5.00 | ug/L  | 0.00     |

#### System Monitoring Compounds

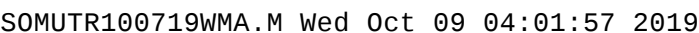
|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.40   | 65    | 48877    | 4.52     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 90.40%  |
| 7) Chloroethane-d5             | 1.68   | 69    | 48551    | 4.81     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 96.20%  |
| 11) 1,1-Dichloroethene-d2      | 2.26   | 63    | 74715    | 3.28     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 65.60%  |
| 20) 2-Butanone-d5              | 4.17   | 46    | 151290   | 47.52    | ug/L | -0.02   |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 95.04%  |
| 24) Chloroform-d               | 4.62   | 84    | 96842    | 4.79     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 95.80%  |
| 26) 1,2-Dichloroethane-d4      | 5.29   | 65    | 57253    | 4.73     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 94.60%  |
| 32) Benzene-d6                 | 5.32   | 84    | 212694   | 4.89     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 97.80%  |
| 36) 1,2-Dichloropropane-d6     | 6.31   | 67    | 73350    | 5.04     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 100.80% |
| 41) Toluene-d8                 | 7.55   | 98    | 194672   | 4.63     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 92.60%  |
| 43) trans-1,3-Dichloropropene- | 7.84   | 79    | 20632    | 3.94     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 78.80%  |
| 46) 2-Hexanone-d5              | 8.30   | 63    | 115516   | 46.39    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 92.78%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.41  | 84    | 59818    | 4.88     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 97.60%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.84  | 152   | 71697    | 5.39     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 107.80% |

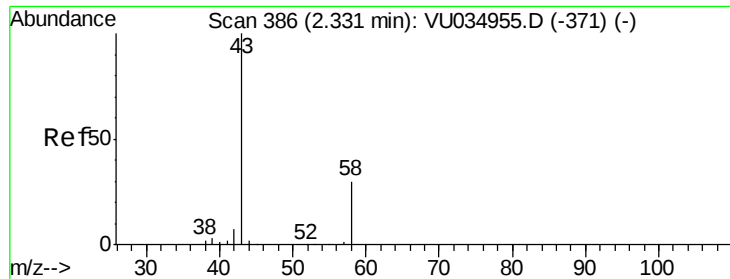
#### Target Compounds

|                            |       |     |       |        | Qvalue    |
|----------------------------|-------|-----|-------|--------|-----------|
| 13) Acetone                | 2.31  | 43  | 77553 | 29.739 | ug/L 100  |
| 15) Methyl Acetate         | 2.43  | 43  | 1267  | 0.183  | ug/L # 55 |
| 25) Chloroform             | 4.65  | 83  | 11761 | 0.419  | ug/L 97   |
| 35) Methylcyclohexane      | 6.31  | 83  | 15842 | 0.678  | ug/L # 23 |
| 37) 1,2-Dichloropropane    | 6.31  | 63  | 8114  | 0.538  | ug/L # 89 |
| 42) Toluene                | 7.62  | 91  | 29968 | 0.514  | ug/L 95   |
| 48) 2-Hexanone             | 8.30  | 43  | 11679 | 1.795  | ug/L # 71 |
| 53) m,p-Xylene             | 9.36  | 106 | 3373  | 0.142  | ug/L 90   |
| 54) o-Xylene               | 9.76  | 106 | 2686  | 0.115  | ug/L 91   |
| 59) 1,2,3-Trichloropropane | 11.47 | 75  | 9675  | 0.991  | ug/L # 80 |

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

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QLast Update : Wed Oct 09 03:56:49 2019  
Response via : Initial Calibration





#13

Acetone

Concen: 29.739 ug/L

RT: 2.31 min Scan# 380

Delta R.T. -0.02 min

Lab File: VU034973.D

Acq: 07 Oct 2019 20:39

Instrument :

MSVOA\_U

ClientSampleId :

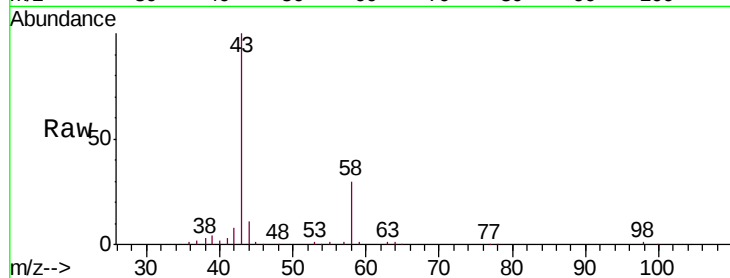
RB-2-191001-01

Tgt Ion: 43 Resp: 77553

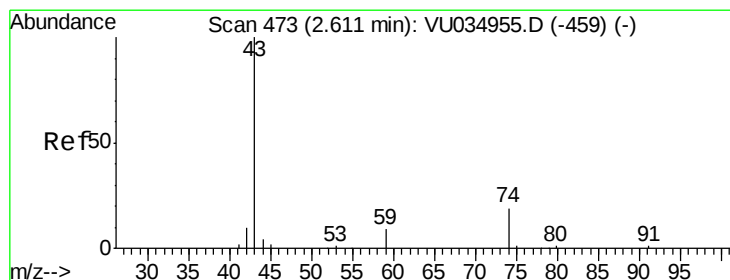
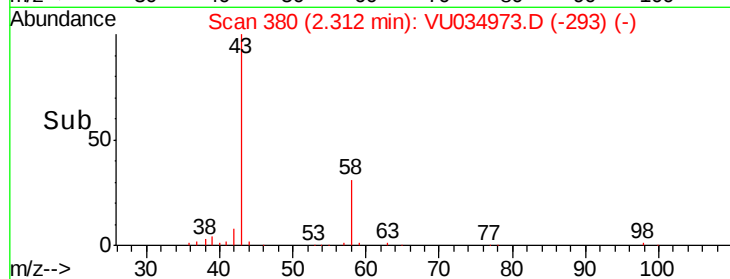
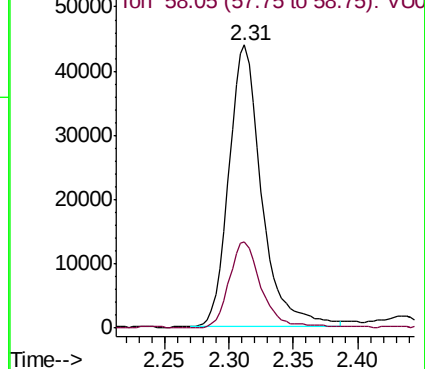
Ion Ratio Lower Upper

43 100

58 30.3 0.0 60.8



Abundance Ion 43.05 (42.75 to 43.75): VU034973.D (-380) (-)



#15

Methyl Acetate

Concen: 0.183 ug/L

RT: 2.43 min Scan# 418

Delta R.T. -0.18 min

Lab File: VU034973.D

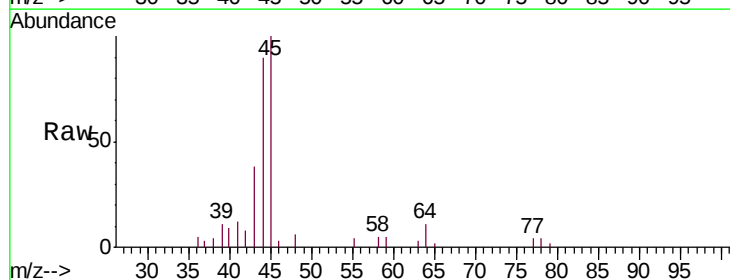
Acq: 07 Oct 2019 20:39

Tgt Ion: 43 Resp: 1267

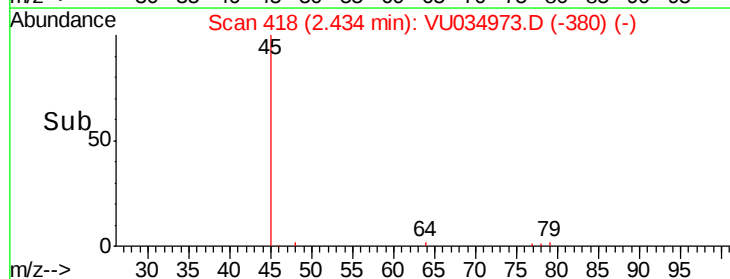
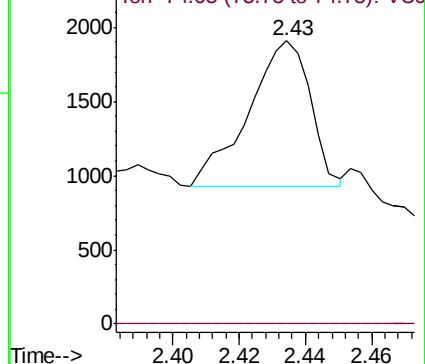
Ion Ratio Lower Upper

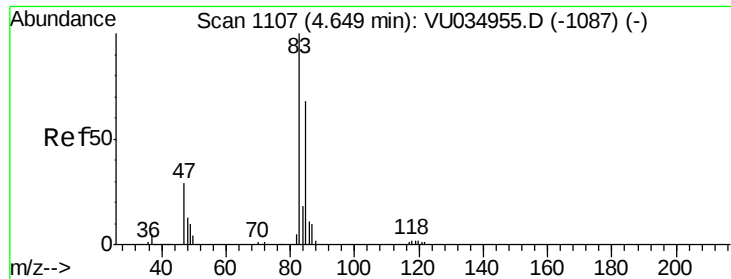
43 100

74 0.0 17.0 25.4#



Abundance Ion 43.05 (42.75 to 43.75): VU034973.D (-380) (-)

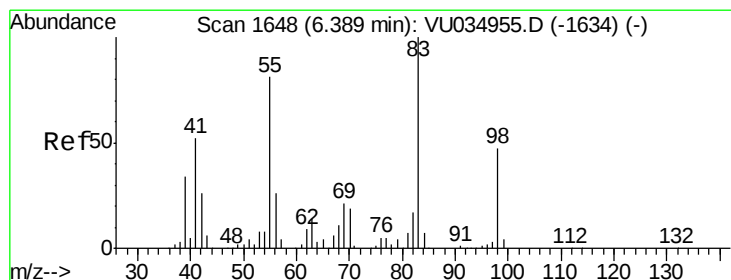
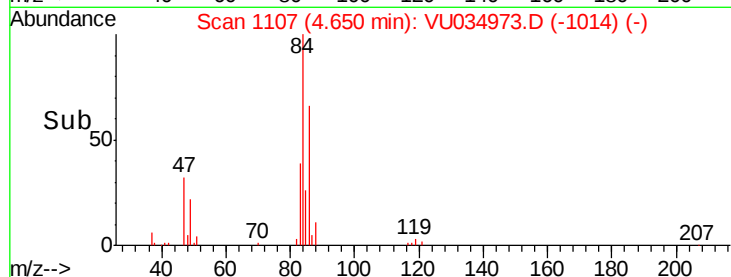
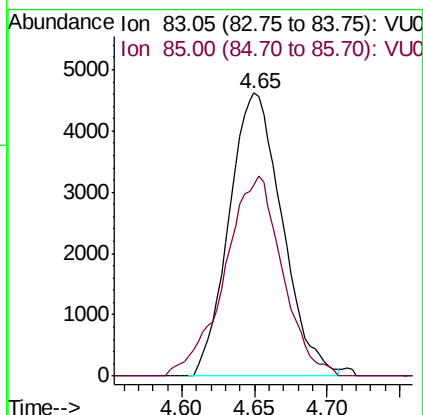
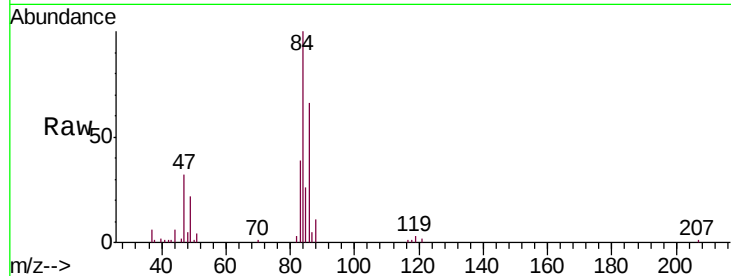




#25  
Chloroform  
Concen: 0.419 ug/L  
RT: 4.65 min Scan# 1107  
Delta R.T. 0.00 min  
Lab File: VU034973.D  
Acq: 07 Oct 2019 20:39

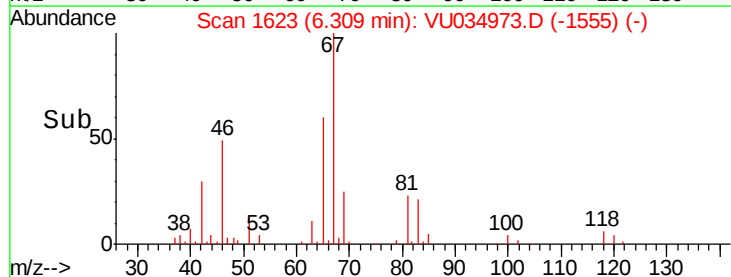
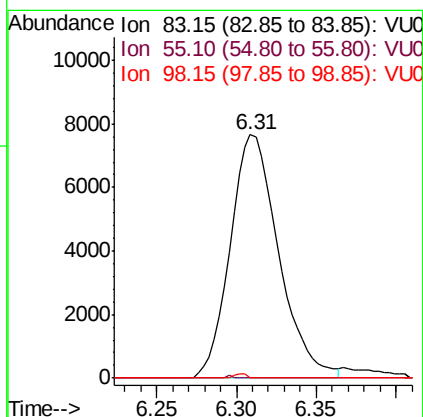
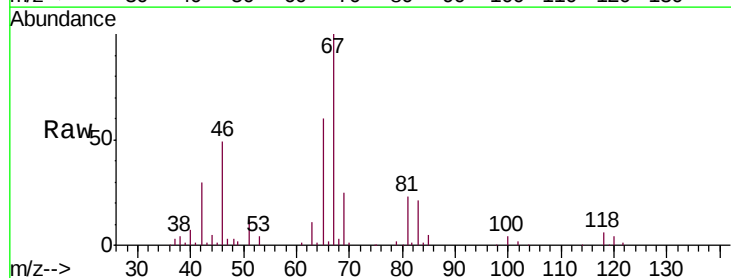
Instrument :  
MSVOA\_U  
ClientSampleId :  
RB-2-191001-01

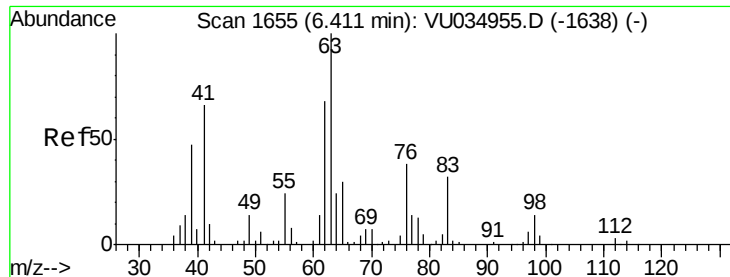
Tgt Ion: 83 Resp: 11761  
Ion Ratio Lower Upper  
83 100  
85 67.6 45.4 84.4



#35  
Methylcyclohexane  
Concen: 0.678 ug/L  
RT: 6.31 min Scan# 1623  
Delta R.T. -0.08 min  
Lab File: VU034973.D  
Acq: 07 Oct 2019 20:39

Tgt Ion: 83 Resp: 15842  
Ion Ratio Lower Upper  
83 100  
55 5.7 62.4 93.6#  
98 0.5 35.5 53.3#

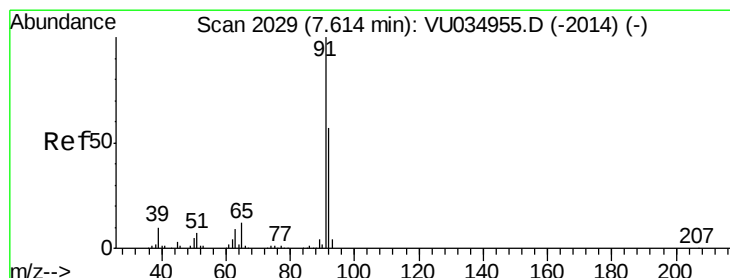
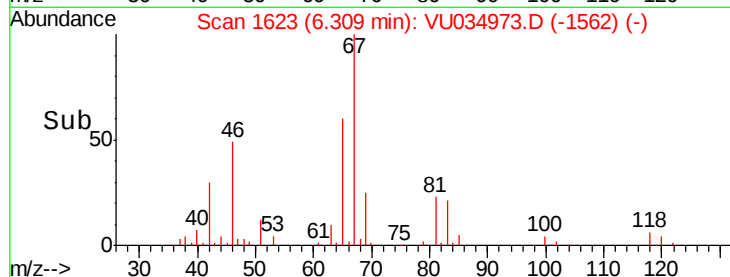
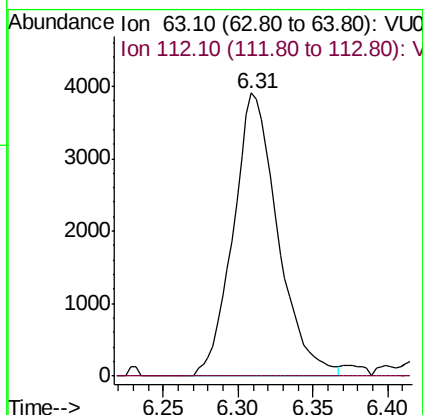
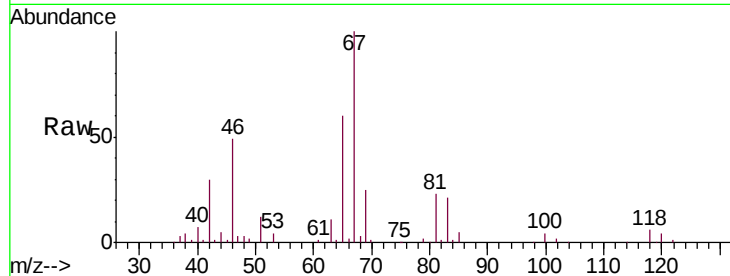




#37  
 1,2-Dichloropropane  
 Concen: 0.538 ug/L  
 RT: 6.31 min Scan# 1623  
 Delta R.T. -0.10 min  
 Lab File: VU034973.D  
 Acq: 07 Oct 2019 20:39

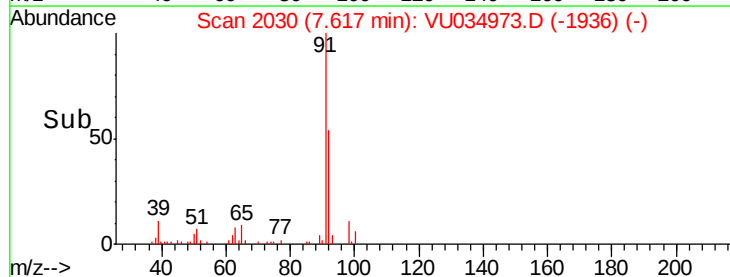
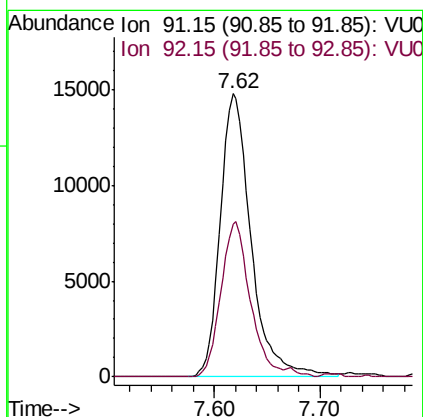
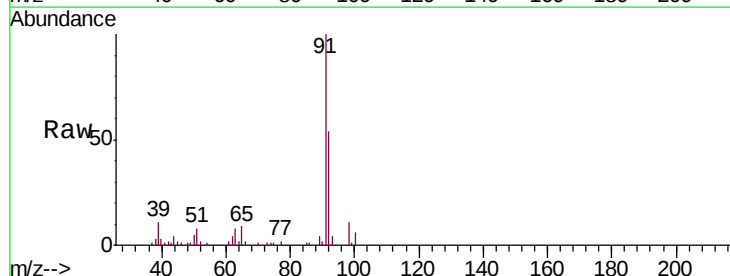
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 RB-2-191001-01

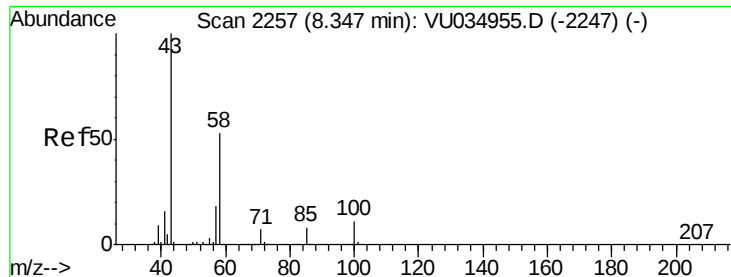
Tgt Ion: 63 Resp: 8114  
 Ion Ratio Lower Upper  
 63 100  
 112 0.0 3.0 4.4#



#42  
 Toluene  
 Concen: 0.514 ug/L  
 RT: 7.62 min Scan# 2030  
 Delta R.T. 0.00 min  
 Lab File: VU034973.D  
 Acq: 07 Oct 2019 20:39

Tgt Ion: 91 Resp: 29968  
 Ion Ratio Lower Upper  
 91 100  
 92 54.0 40.2 74.6

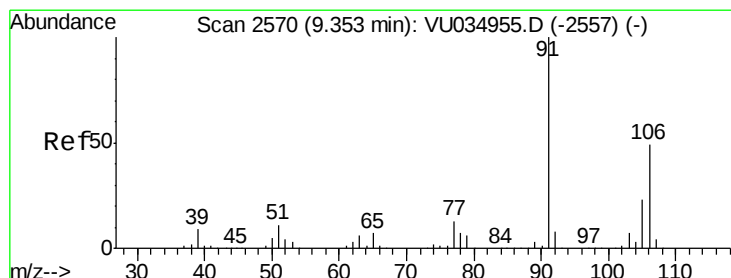
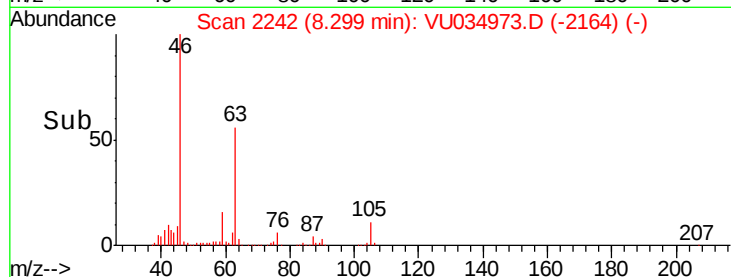
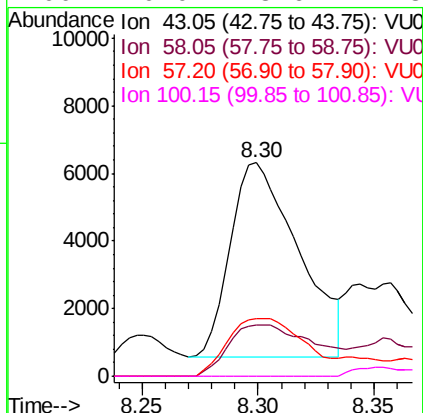
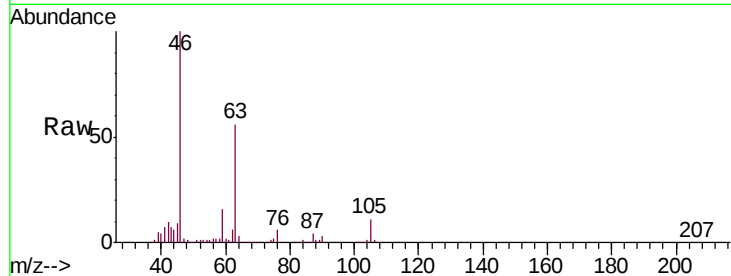




#48  
2-Hexanone  
Concen: 1.795 ug/L  
RT: 8.30 min Scan# 2242  
Delta R.T. -0.05 min  
Lab File: VU034973.D  
Acq: 07 Oct 2019 20:39

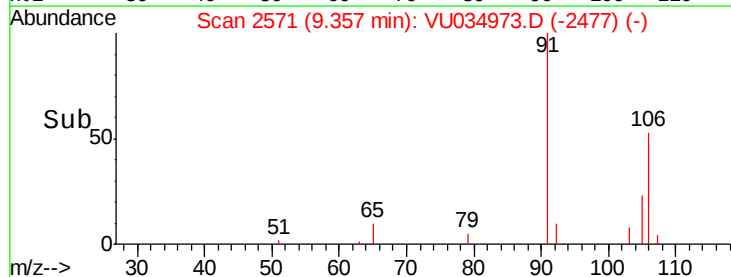
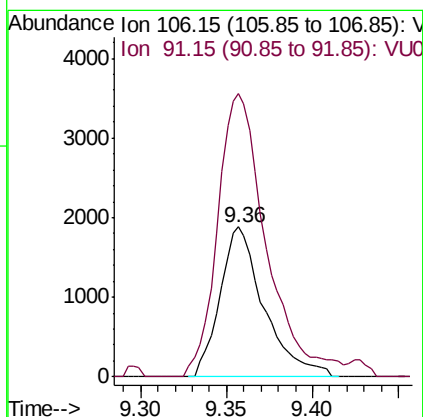
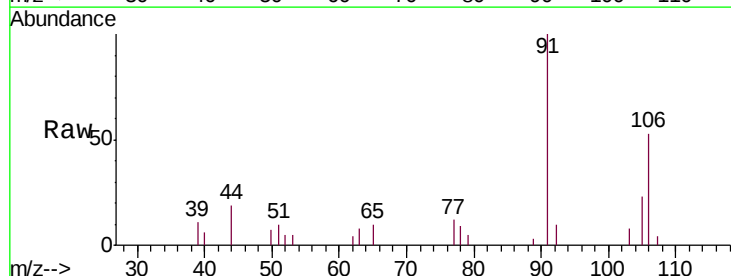
Instrument :  
MSVOA\_U  
ClientSampleId :  
RB-2-191001-01

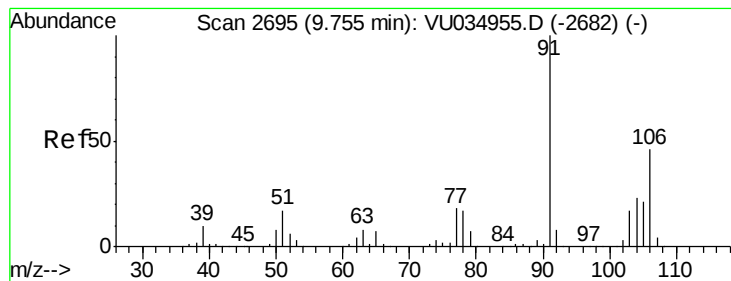
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|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 11679 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 34.3  | 43.3  | 64.9# |
| 57       | 32.9  | 14.5  | 21.7# |
| 100      | 0.0   | 8.6   | 12.8# |



#53  
m,p-Xylene  
Concen: 0.142 ug/L  
RT: 9.36 min Scan# 2571  
Delta R.T. 0.00 min  
Lab File: VU034973.D  
Acq: 07 Oct 2019 20:39

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 106   | Resp: | 3373  |
| Ion      | Ratio | Lower | Upper |
| 106      | 100   |       |       |
| 91       | 188.7 | 143.1 | 265.9 |





#54

o-Xylene

Concen: 0.115 ug/L

RT: 9.76 min Scan# 2697

Delta R.T. 0.01 min

Lab File: VU034973.D

Acq: 07 Oct 2019 20:39

Instrument :

MSVOA\_U

ClientSampleId :

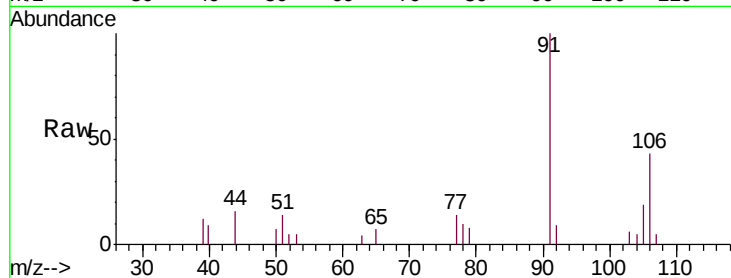
RB-2-191001-01

Tgt Ion:106 Resp: 2686

Ion Ratio Lower Upper

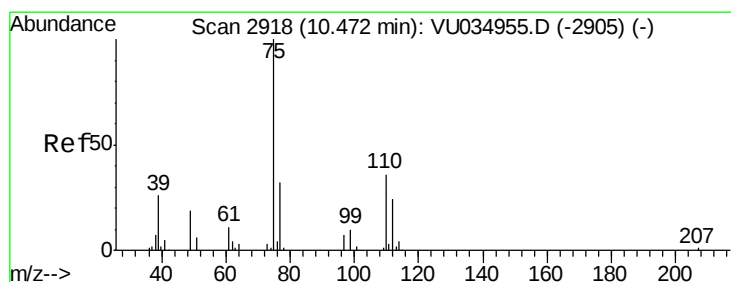
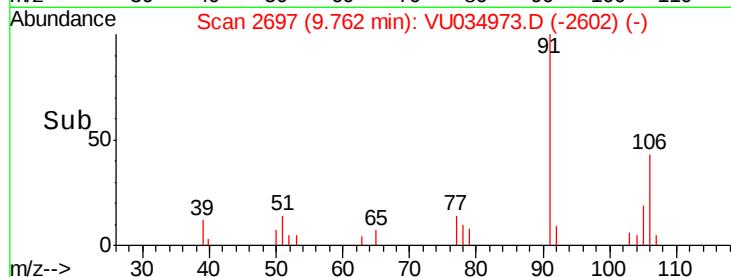
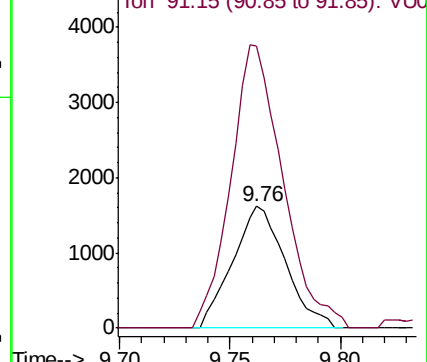
106 100

91 230.9 151.6 281.6



Abundance Ion 106.15 (105.85 to 106.85): VU034973.D (-2697) (-)

Ion 91.15 (90.85 to 91.85): VU034973.D (-2697) (-)



#59

1,2,3-Trichloropropane

Concen: 0.991 ug/L

RT: 11.47 min Scan# 3227

Delta R.T. 0.99 min

Lab File: VU034973.D

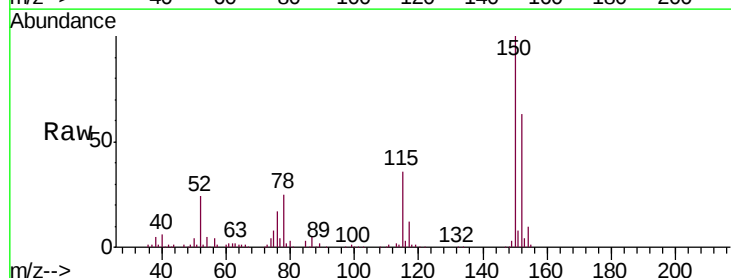
Acq: 07 Oct 2019 20:39

Tgt Ion: 75 Resp: 9675

Ion Ratio Lower Upper

75 100

77 43.3 25.8 38.6#



Abundance Ion 75.00 (74.70 to 75.70): VU034973.D (-3227) (-)

Ion 77.00 (76.70 to 77.70): VU034973.D (-3227) (-)

