

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU091521\  
 Data File : VU044640.D  
 Acq On : 15 Sep 2021 13:15  
 Operator : SY/MD  
 Sample : MDL03  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Sep 16 01:43:11 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR090921WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Sep 16 01:40:15 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.256  | 114   | 130908   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.423  | 117   | 133480   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.819 | 152   | 63436    | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.600  | 65    | 29565    | 3.828    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 76.600%  |
| 7) Chloroethane-d5            | 1.919  | 69    | 33026    | 4.190    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 83.800%  |
| 11) 1,1-Dichloroethene-d2     | 2.571  | 65    | 15907    | 4.077    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 81.600%  |
| 20) 2-Butanone-d5             | 4.645  | 46    | 131566   | 40.633   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 81.260%  |
| 24) Chloroform-d              | 5.073  | 84    | 73078    | 4.498    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 90.000%  |
| 26) 1,2-Dichloroethane-d4     | 5.710  | 65    | 44693    | 4.613    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 92.200%  |
| 32) Benzene-d6                | 5.735  | 84    | 143982   | 4.231    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 84.600%  |
| 36) 1,2-Dichloropropane-d6    | 6.700  | 67    | 51319    | 4.591    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 91.800%  |
| 41) Toluene-d8                | 7.906  | 98    | 119134   | 4.021    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 80.400%  |
| 43) trans-1,3-Dichloroprop... | 8.185  | 79    | 15957    | 4.050    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 81.000%  |
| 46) 2-Hexanone-d5             | 8.645  | 63    | 114080   | 45.050   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 90.100%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.761 | 84    | 44232    | 4.463    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 89.200%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.198 | 152   | 46637    | 4.455    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 89.200%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane    | 1.388  | 85    | 2376     | 0.228    | ug/L   | 100      |
| 3) Chloromethane              | 1.520  | 50    | 3282     | 0.262    | ug/L   | 95       |
| 5) Vinyl chloride             | 1.607  | 62    | 3254     | 0.254    | ug/L   | 85       |
| 6) Bromomethane               | 1.861  | 94    | 1776     | 0.271    | ug/L   | 87       |
| 8) Chloroethane               | 1.938  | 64    | 2621     | 0.321    | ug/L # | 74       |
| 9) Trichlorofluoromethane     | 2.144  | 101   | 3637     | 0.252    | ug/L   | 99       |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.588  | 101   | 2435     | 0.275    | ug/L   | 89       |
| 12) 1,1-Dichloroethene        | 2.588  | 96    | 2348     | 0.279    | ug/L # | 1        |
| 13) Acetone                   | 2.652  | 43    | 3222     | 1.528    | ug/L   | 90       |
| 14) Carbon disulfide          | 2.803  | 76    | 5650     | 0.212    | ug/L   | 99       |
| 15) Methyl Acetate            | 2.964  | 43    | 900      | 0.236    | ug/L # | 49       |
| 16) Methylene chloride        | 3.057  | 84    | 4931     | 0.369    | ug/L   | 94       |
| 17) Methyl tert-butyl Ether   | 3.375  | 73    | 5446     | 0.234    | ug/L   | 96       |
| 18) trans-1,2-Dichloroethene  | 3.362  | 96    | 2134     | 0.239    | ug/L   | 91       |
| 19) 1,1-Dichloroethane        | 3.880  | 63    | 4366     | 0.242    | ug/L   | 90       |
| 22) cis-1,2-Dichloroethene    | 4.671  | 96    | 2334     | 0.237    | ug/L   | 93       |
| 23) Bromochloromethane        | 4.983  | 128   | 1046     | 0.251    | ug/L   | 87       |
| 25) Chloroform                | 5.096  | 83    | 9221     | 0.479    | ug/L   | 92       |
| 27) 1,2-Dichloroethane        | 5.806  | 62    | 3168     | 0.251    | ug/L # | 77       |

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 Sample : MDL03  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Sep 16 01:43:11 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR090921WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Sep 16 01:40:15 2021  
 Response via : Initial Calibration

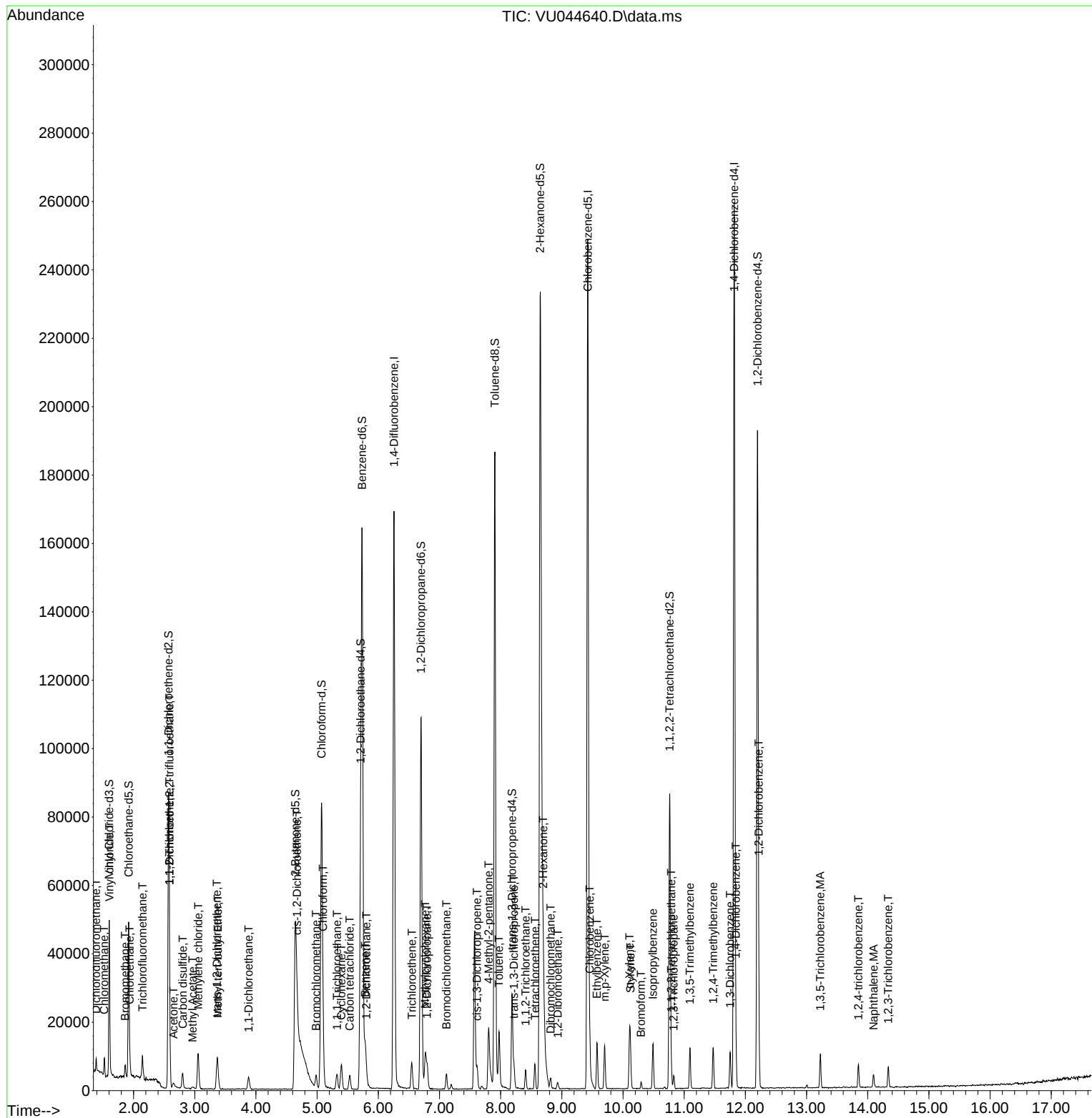
| Compound                      | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-------|--------|----------|
| -----                         |        |      |          |       |        |          |
| 29) 1,1,1-Trichloroethane     | 5.324  | 97   | 3416     | 0.235 | ug/L   | 95       |
| 30) Cyclohexane               | 5.395  | 56   | 3437     | 0.206 | ug/L   | 91       |
| 31) Carbon tetrachloride      | 5.533  | 117  | 2553     | 0.224 | ug/L   | 97       |
| 33) Benzene                   | 5.784  | 78   | 9773     | 0.247 | ug/L   | 100      |
| 34) Trichloroethene           | 6.549  | 95   | 2234     | 0.228 | ug/L   | 88       |
| 35) Methylcyclohexane         | 6.767  | 83   | 3628     | 0.225 | ug/L   | 95       |
| 37) 1,2-Dichloropropane       | 6.796  | 63   | 2761     | 0.260 | ug/L # | 88       |
| 38) Bromodichloromethane      | 7.115  | 83   | 3049     | 0.237 | ug/L   | 97       |
| 39) cis-1,3-Dichloropropene   | 7.613  | 75   | 3269     | 0.217 | ug/L   | 90       |
| 40) 4-Methyl-2-pentanone      | 7.803  | 43   | 17099    | 2.069 | ug/L # | 89       |
| 42) Toluene                   | 7.973  | 91   | 11057    | 0.267 | ug/L   | 99       |
| 44) trans-1,3-Dichloropropene | 8.218  | 75   | 3054     | 0.238 | ug/L   | 86       |
| 45) 1,1,2-Trichloroethane     | 8.407  | 97   | 1827     | 0.242 | ug/L   | 96       |
| 47) Tetrachloroethene         | 8.562  | 164  | 1498     | 0.220 | ug/L   | 92       |
| 48) 2-Hexanone                | 8.697  | 43   | 19125    | 3.110 | ug/L   | 90       |
| 49) Dibromochloromethane      | 8.819  | 129  | 1685     | 0.212 | ug/L   | 89       |
| 50) 1,2-Dibromoethane         | 8.931  | 107  | 1607     | 0.226 | ug/L # | 92       |
| 51) Chlorobenzene             | 9.455  | 112  | 6251     | 0.244 | ug/L   | 96       |
| 52) Ethylbenzene              | 9.574  | 91   | 9442     | 0.211 | ug/L   | 100      |
| 53) m,p-Xylene                | 9.700  | 106  | 3453     | 0.203 | ug/L   | 83       |
| 54) o-Xylene                  | 10.105 | 106  | 3194     | 0.196 | ug/L   | 97       |
| 55) Styrene                   | 10.121 | 104  | 5436     | 0.191 | ug/L   | 100      |
| 57) 1,1,2,2-Tetrachloroethane | 10.790 | 83   | 2359     | 0.233 | ug/L   | 92       |
| 59) Bromoform                 | 10.295 | 173  | 973      | 0.247 | ug/L # | 74       |
| 60) Isopropylbenzene          | 10.491 | 105  | 8650     | 0.218 | ug/L   | 100      |
| 61) 1,2,3-Trichloropropane    | 10.828 | 75   | 1779     | 0.254 | ug/L   | 97       |
| 62) 1,3,5-Trimethylbenzene    | 11.092 | 105  | 6675     | 0.202 | ug/L   | 99       |
| 63) 1,2,4-Trimethylbenzene    | 11.475 | 105  | 6840     | 0.202 | ug/L   | 97       |
| 64) 1,3-Dichlorobenzene       | 11.751 | 146  | 4469     | 0.241 | ug/L   | 94       |
| 65) 1,4-Dichlorobenzene       | 11.844 | 146  | 4601     | 0.241 | ug/L   | 98       |
| 67) 1,2-Dichlorobenzene       | 12.217 | 146  | 4452     | 0.253 | ug/L   | 97       |
| 69) 1,3,5-Trichlorobenzene    | 13.224 | 180  | 3089     | 0.219 | ug/L   | 99       |
| 70) 1,2,4-trichlorobenzene    | 13.848 | 180  | 2289     | 0.193 | ug/L   | 94       |
| 71) Naphthalene               | 14.095 | 128  | 3434     | 0.148 | ug/L # | 93       |
| 72) 1,2,3-Trichlorobenzene    | 14.333 | 180  | 1989     | 0.182 | ug/L   | 94       |
| -----                         |        |      |          |       |        |          |

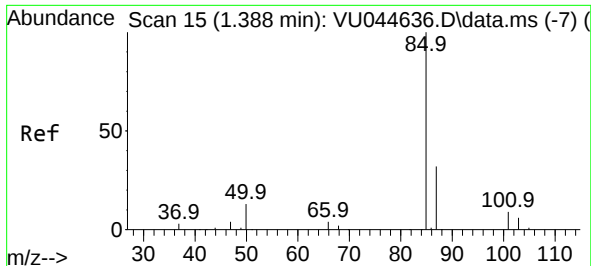
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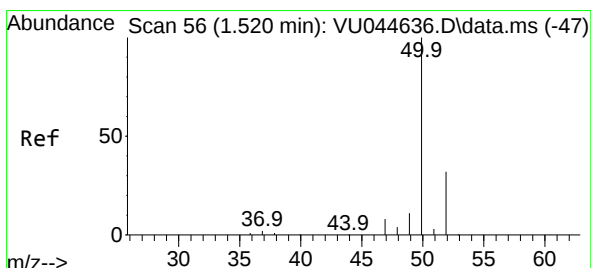
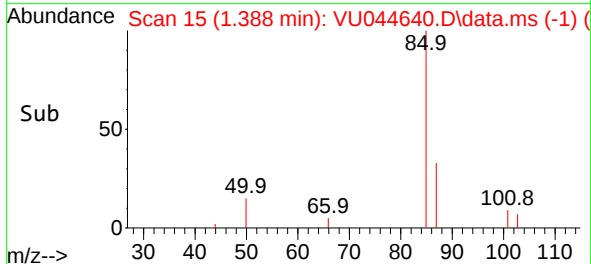
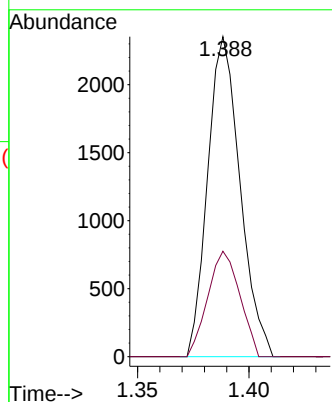
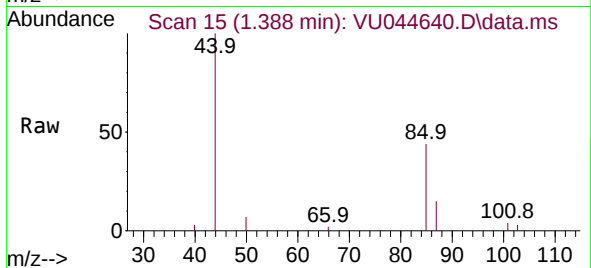




#2  
Dichlorodifluoromethane  
Concen: 0.228 ug/L  
RT: 1.388 min Scan# 15  
Delta R.T. -0.000 min  
Lab File: VU044640.D  
Acq: 15 Sep 2021 13:15

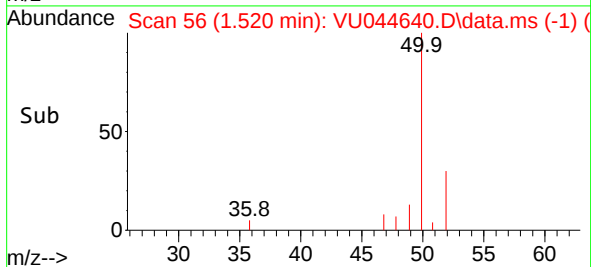
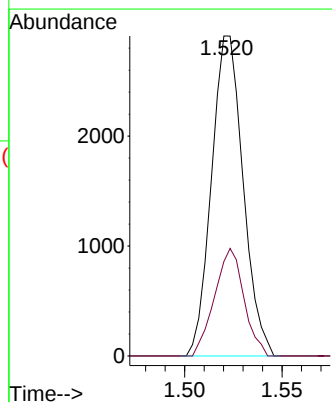
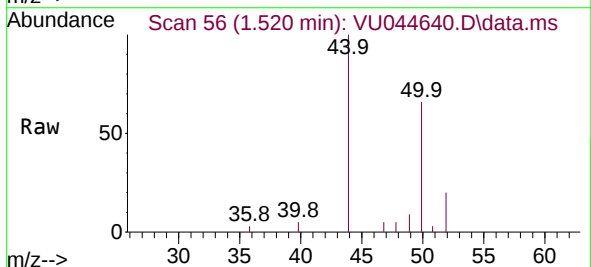
Instrument :  
MSVOA\_U  
ClientSampled :

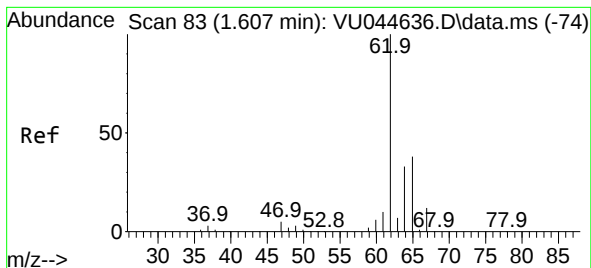
Tgt Ion: 85 Resp: 2376  
Ion Ratio Lower Upper  
85 100  
87 32.5 26.0 39.0



#3  
Chloromethane  
Concen: 0.262 ug/L  
RT: 1.520 min Scan# 56  
Delta R.T. -0.000 min  
Lab File: VU044640.D  
Acq: 15 Sep 2021 13:15

Tgt Ion: 50 Resp: 3282  
Ion Ratio Lower Upper  
50 100  
52 29.5 22.6 42.0

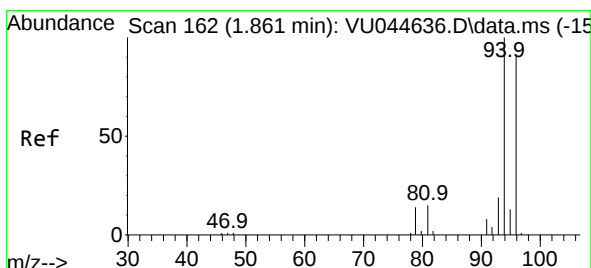
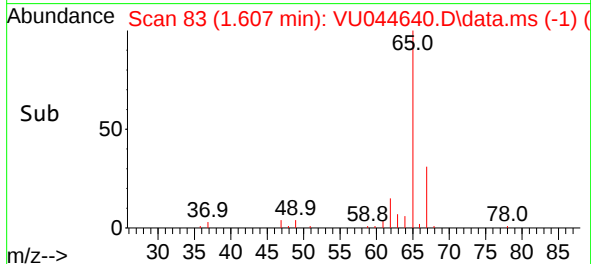
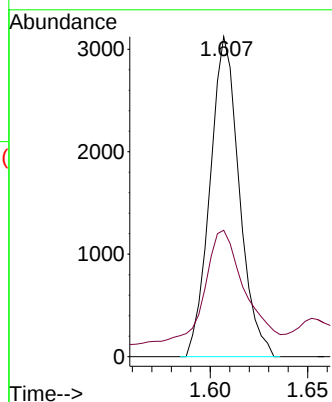
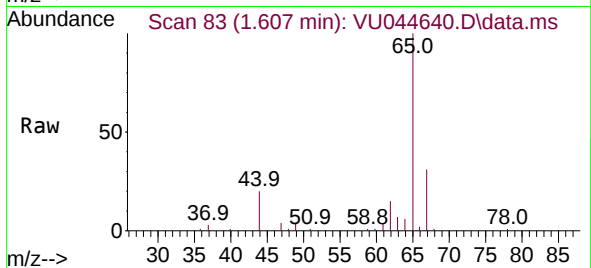




#5  
 Vinyl chloride  
 Concen: 0.254 ug/L  
 RT: 1.607 min Scan# 83  
 Delta R.T. -0.000 min  
 Lab File: VU044640.D  
 Acq: 15 Sep 2021 13:15

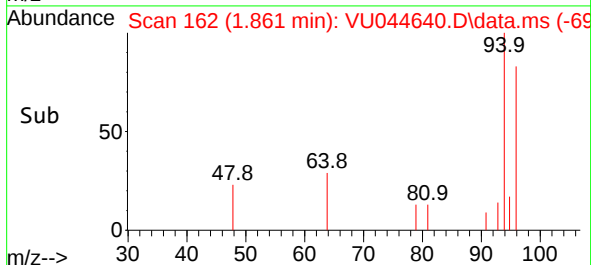
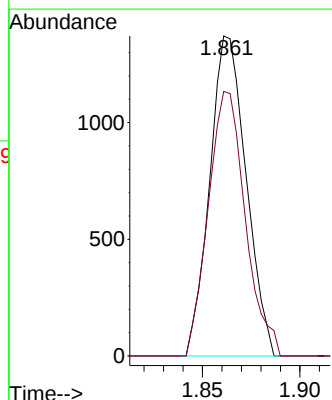
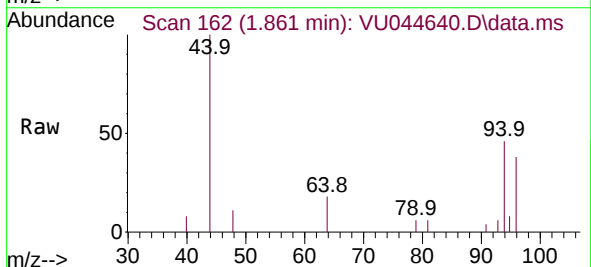
Instrument :  
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 ClientSampled :

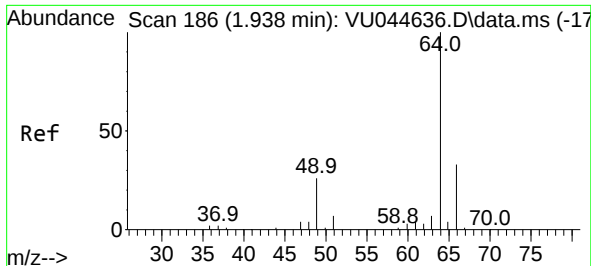
Tgt Ion: 62 Resp: 3254  
 Ion Ratio Lower Upper  
 62 100  
 64 39.5 22.0 40.8



#6  
 Bromomethane  
 Concen: 0.271 ug/L  
 RT: 1.861 min Scan# 162  
 Delta R.T. -0.000 min  
 Lab File: VU044640.D  
 Acq: 15 Sep 2021 13:15

Tgt Ion: 94 Resp: 1776  
 Ion Ratio Lower Upper  
 94 100  
 96 82.6 66.4 123.4

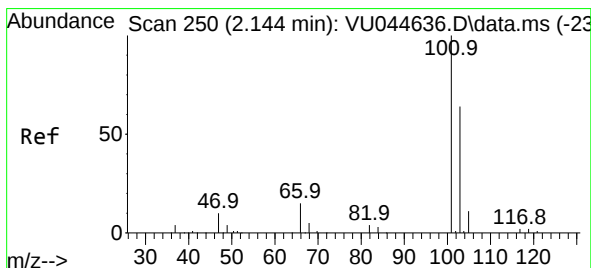
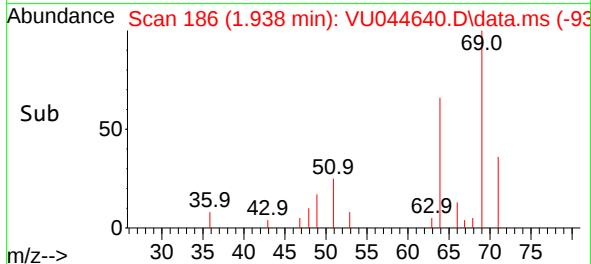
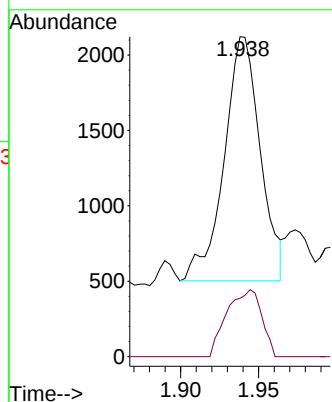
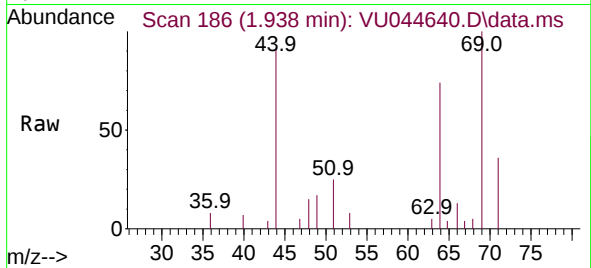




#8  
Chloroethane  
Concen: 0.321 ug/L  
RT: 1.938 min Scan# 186  
Delta R.T. -0.000 min  
Lab File: VU044640.D  
Acq: 15 Sep 2021 13:15

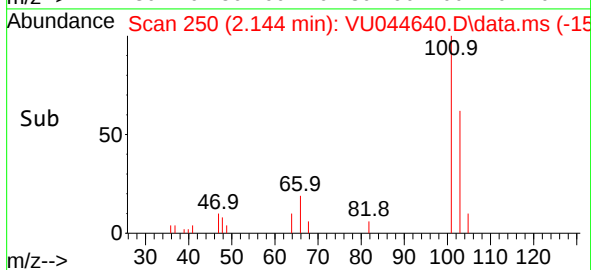
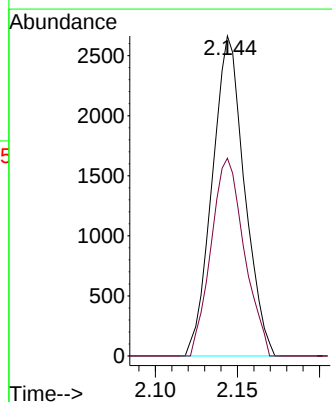
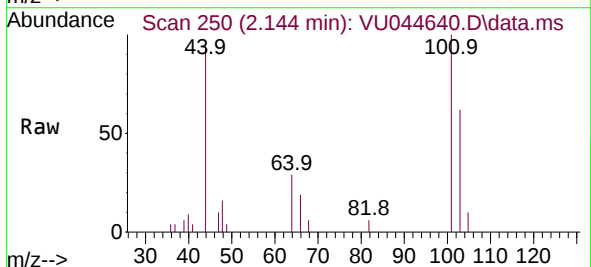
Instrument :  
MSVOA\_U  
ClientSampled :

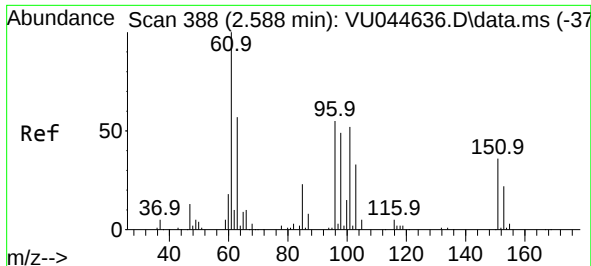
Tgt Ion: 64 Resp: 2621  
Ion Ratio Lower Upper  
64 100  
66 17.2 22.1 41.1#



#9  
Trichlorofluoromethane  
Concen: 0.252 ug/L  
RT: 2.144 min Scan# 250  
Delta R.T. -0.000 min  
Lab File: VU044640.D  
Acq: 15 Sep 2021 13:15

Tgt Ion:101 Resp: 3637  
Ion Ratio Lower Upper  
101 100  
103 63.4 51.2 76.8

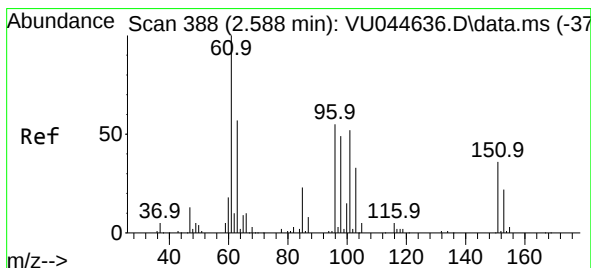
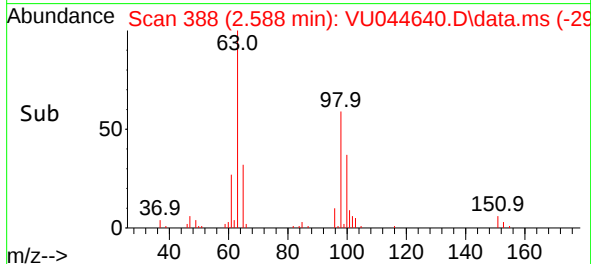
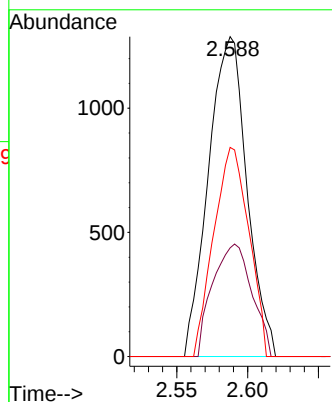
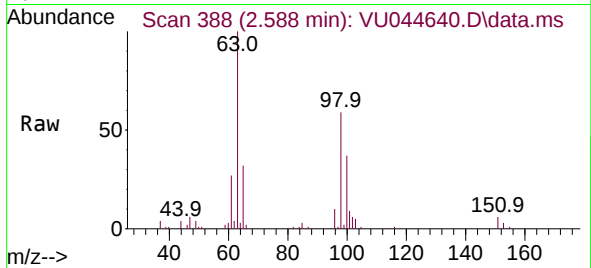




#10  
 1,1,2-Trichloro-1,2,2-trifluoroethane  
 Concen: 0.275 ug/L  
 RT: 2.588 min Scan# 388  
 Delta R.T. -0.000 min  
 Lab File: VU044640.D  
 Acq: 15 Sep 2021 13:15

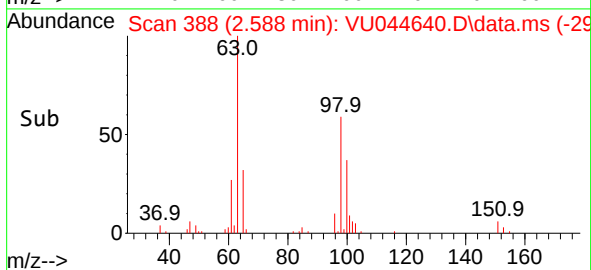
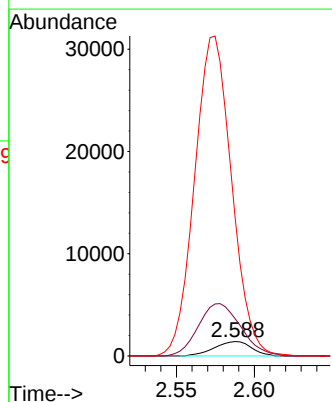
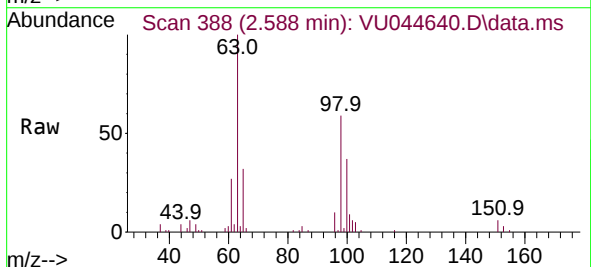
Instrument :  
 MSVOA\_U  
 ClientSampleId :

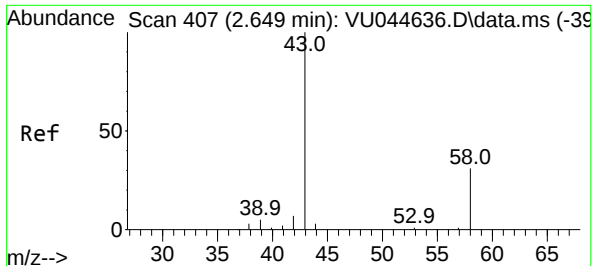
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 Ion Ratio Lower Upper  
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 151 59.7 53.9 80.9



#12  
 1,1-Dichloroethene  
 Concen: 0.279 ug/L  
 RT: 2.588 min Scan# 388  
 Delta R.T. -0.000 min  
 Lab File: VU044640.D  
 Acq: 15 Sep 2021 13:15

Tgt Ion: 96 Resp: 2348  
 Ion Ratio Lower Upper  
 96 100  
 61 258.6 129.3 240.1#  
 63 960.6 91.3 169.5#

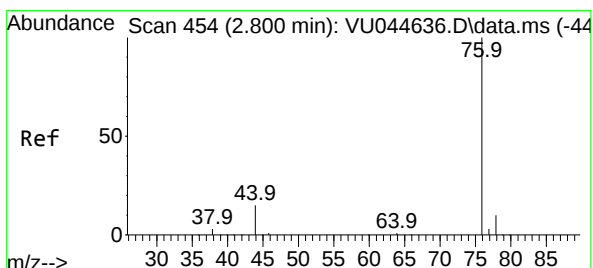
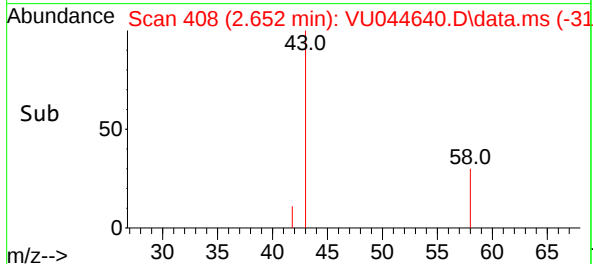
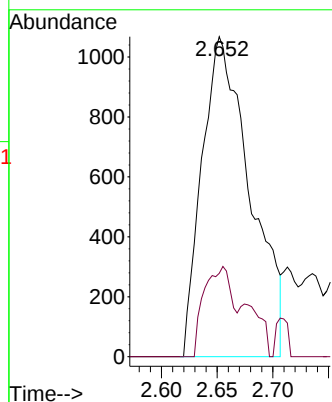
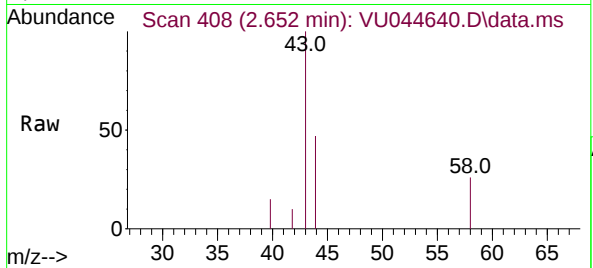




#13  
Acetone  
Concen: 1.528 ug/L  
RT: 2.652 min Scan# 408  
Delta R.T. 0.003 min  
Lab File: VU044640.D  
Acq: 15 Sep 2021 13:15

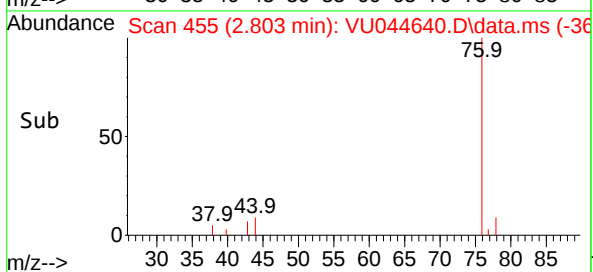
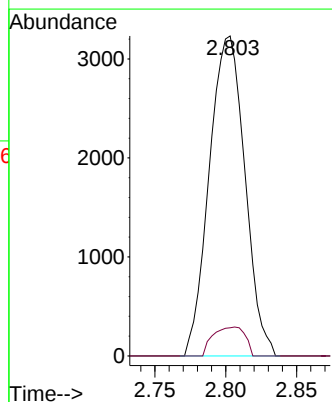
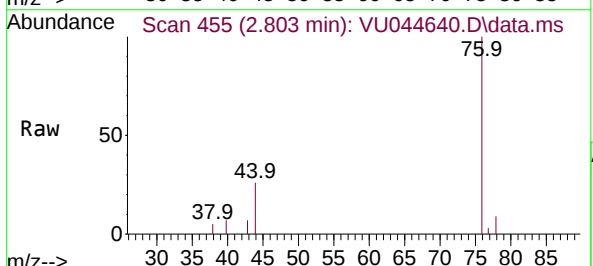
Instrument :  
MSVOA\_U  
ClientSampleId :

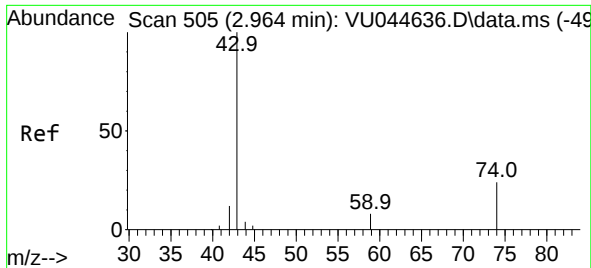
Tgt Ion: 43 Resp: 3222  
Ion Ratio Lower Upper  
43 100  
58 16.4 0.0 42.4



#14  
Carbon disulfide  
Concen: 0.212 ug/L  
RT: 2.803 min Scan# 455  
Delta R.T. 0.003 min  
Lab File: VU044640.D  
Acq: 15 Sep 2021 13:15

Tgt Ion: 76 Resp: 5650  
Ion Ratio Lower Upper  
76 100  
78 8.8 7.4 11.0

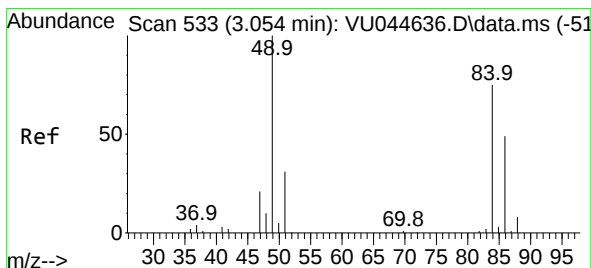
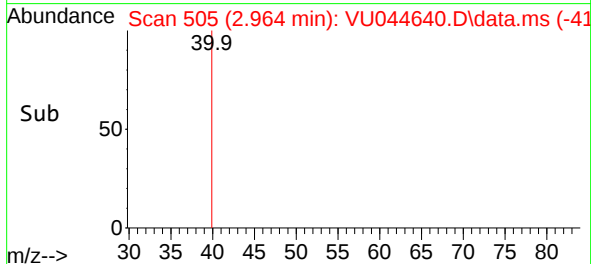
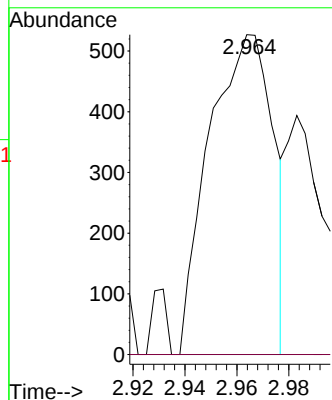
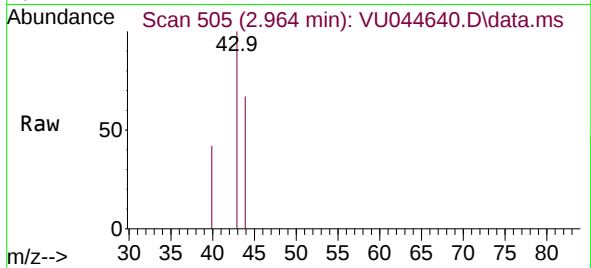




#15  
Methyl Acetate  
Concen: 0.236 ug/L  
RT: 2.964 min Scan# 505  
Delta R.T. -0.000 min  
Lab File: VU044640.D  
Acq: 15 Sep 2021 13:15

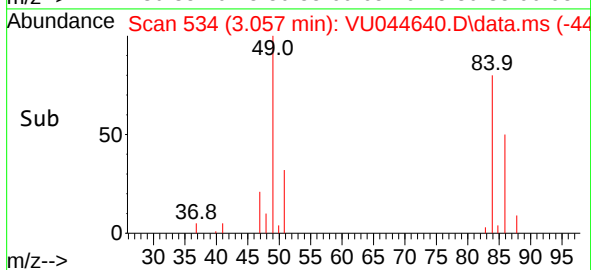
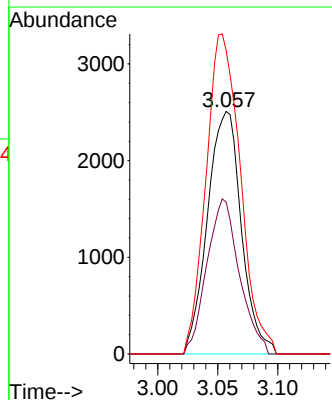
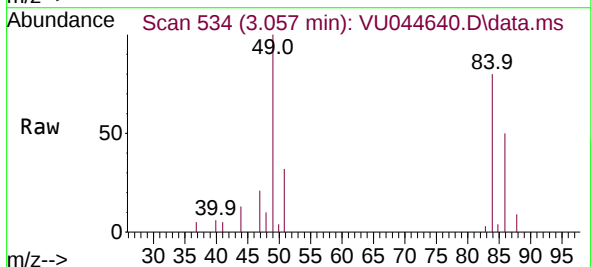
Instrument :  
MSVOA\_U  
ClientSampled :

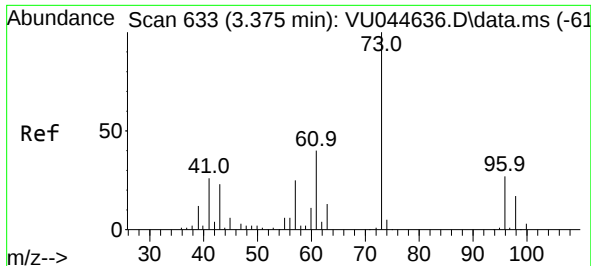
Tgt Ion: 43 Resp: 900  
Ion Ratio Lower Upper  
43 100  
74 0.0 20.6 30.8#



#16  
Methylene chloride  
Concen: 0.369 ug/L  
RT: 3.057 min Scan# 534  
Delta R.T. 0.003 min  
Lab File: VU044640.D  
Acq: 15 Sep 2021 13:15

Tgt Ion: 84 Resp: 4931  
Ion Ratio Lower Upper  
84 100  
86 62.6 45.8 85.2  
49 125.1 92.9 172.5



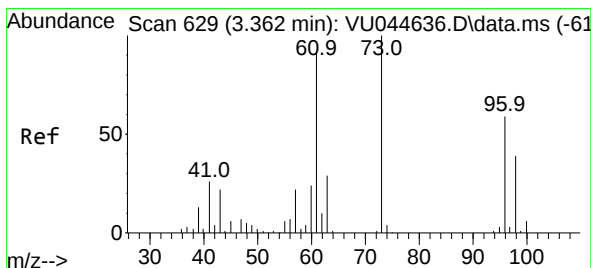
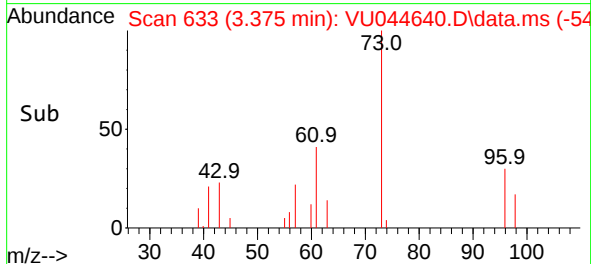
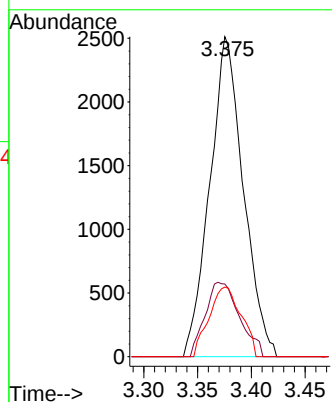
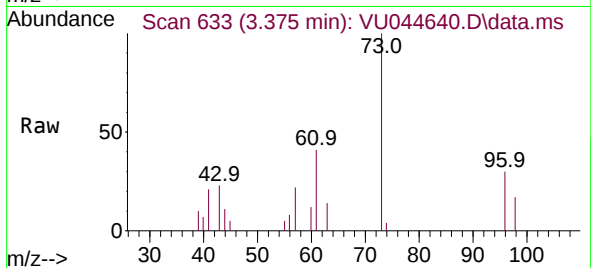


#17

Methyl tert-butyl Ether  
Concen: 0.234 ug/L  
RT: 3.375 min Scan# 633  
Delta R.T. -0.000 min  
Lab File: VU044640.D  
Acq: 15 Sep 2021 13:15

Instrument :  
MSVOA\_U  
ClientSampleId :

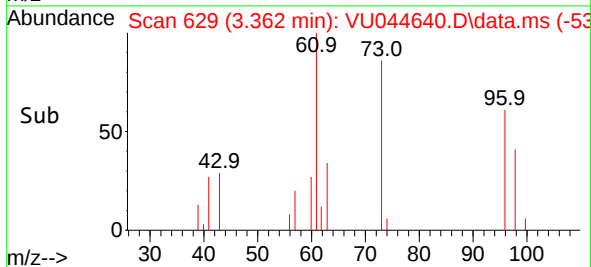
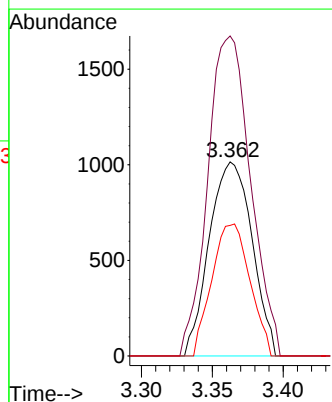
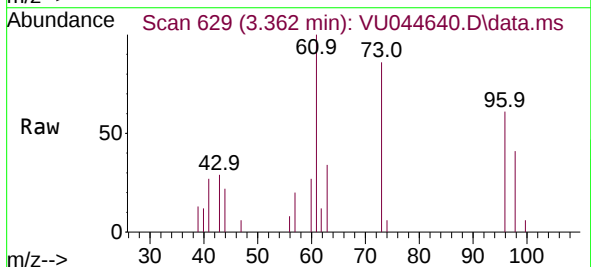
|             |             |
|-------------|-------------|
| Tgt Ion: 73 | Resp: 5446  |
| Ion Ratio   | Lower Upper |
| 73 100      |             |
| 43 23.8     | 17.8 26.6   |
| 57 20.8     | 18.6 27.8   |

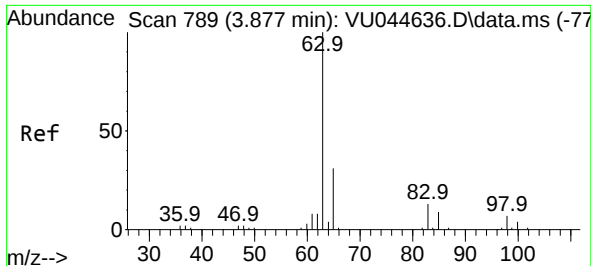


#18

trans-1,2-Dichloroethene  
Concen: 0.239 ug/L  
RT: 3.362 min Scan# 629  
Delta R.T. -0.000 min  
Lab File: VU044640.D  
Acq: 15 Sep 2021 13:15

|             |             |
|-------------|-------------|
| Tgt Ion: 96 | Resp: 2134  |
| Ion Ratio   | Lower Upper |
| 96 100      |             |
| 61 164.9    | 107.2 199.0 |
| 98 67.3     | 42.8 79.6   |





#19

1,1-Dichloroethane

Concen: 0.242 ug/L

RT: 3.880 min Scan# 790

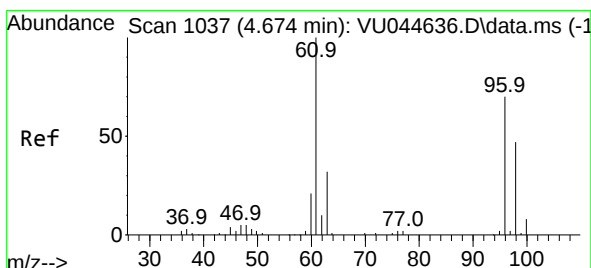
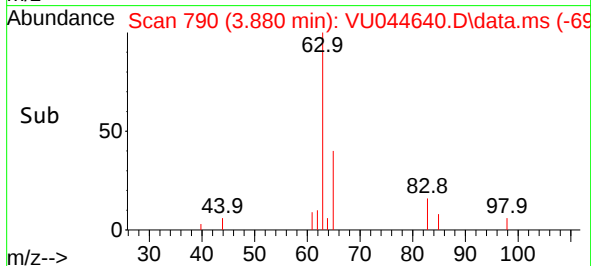
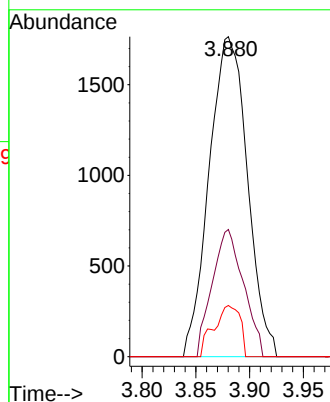
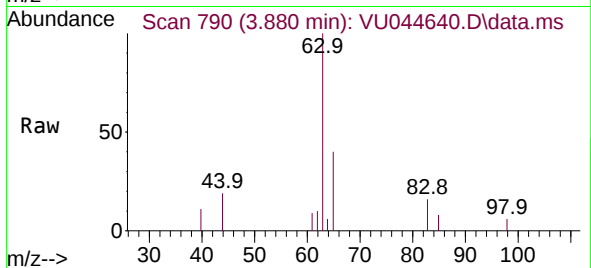
Delta R.T. 0.003 min

Lab File: VU044640.D

Acq: 15 Sep 2021 13:15

|             |             |
|-------------|-------------|
| Tgt Ion: 63 | Resp: 4366  |
| Ion Ratio   | Lower Upper |
| 63 100      |             |
| 65 37.6     | 21.8 40.6   |
| 83 15.1     | 8.8 16.3    |

Instrument :  
MSVOA\_U  
ClientSampled :



#22

cis-1,2-Dichloroethene

Concen: 0.237 ug/L

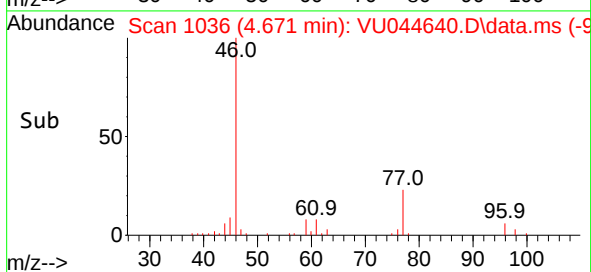
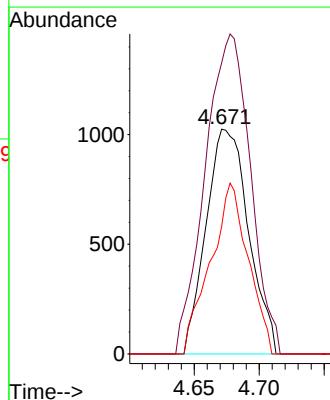
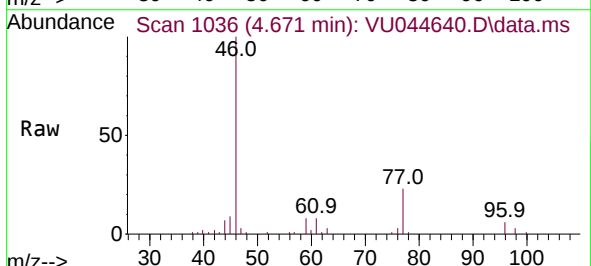
RT: 4.671 min Scan# 1036

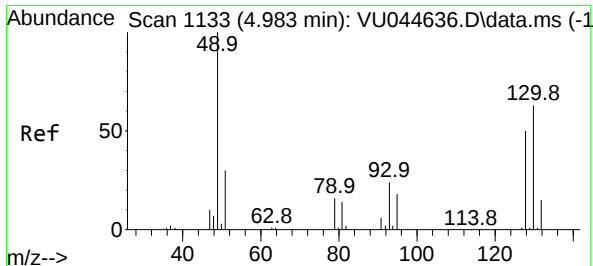
Delta R.T. -0.003 min

Lab File: VU044640.D

Acq: 15 Sep 2021 13:15

|             |             |
|-------------|-------------|
| Tgt Ion: 96 | Resp: 2334  |
| Ion Ratio   | Lower Upper |
| 96 100      |             |
| 61 129.5    | 96.9 179.9  |
| 98 56.7     | 43.5 80.7   |

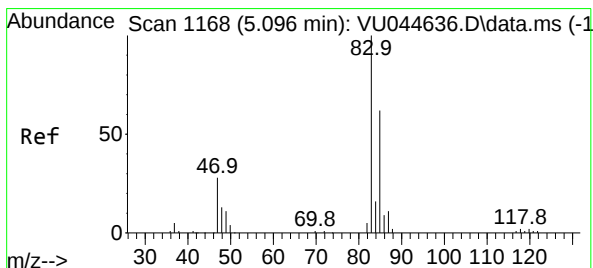
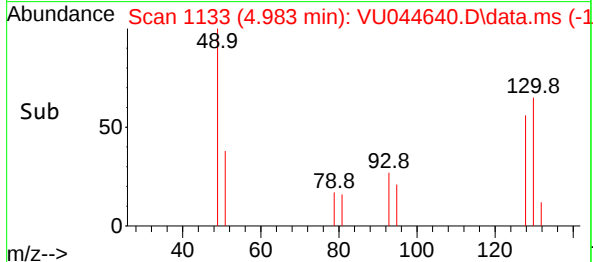
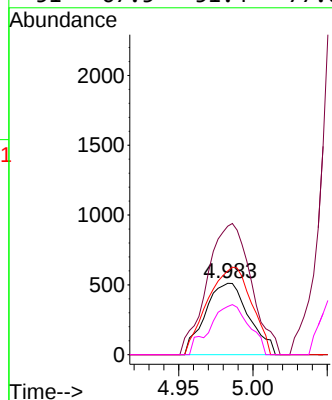
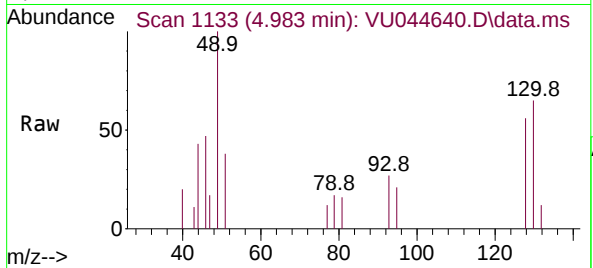




#23  
Bromochloromethane  
Concen: 0.251 ug/L  
RT: 4.983 min Scan# 1133  
Delta R.T. -0.000 min  
Lab File: VU044640.D  
Acq: 15 Sep 2021 13:15

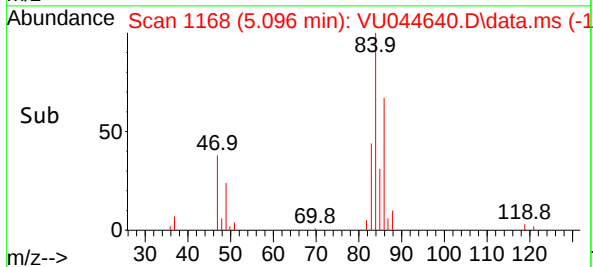
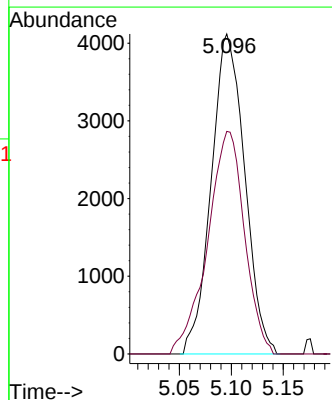
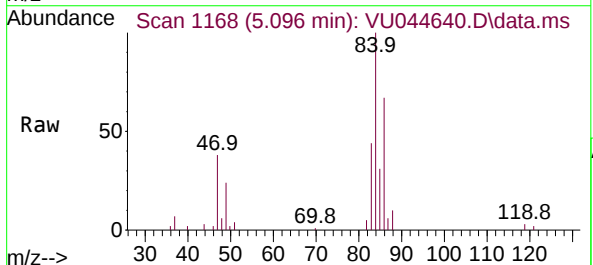
Instrument :  
MSVOA\_U  
ClientSampleId :

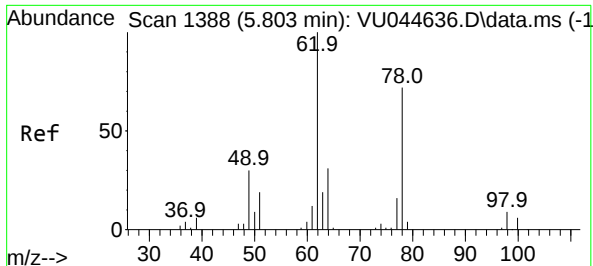
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 1046  |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 49       | 180.0 | 141.4 | 262.6 |
| 130      | 117.2 | 94.3  | 175.1 |
| 51       | 67.5  | 51.4  | 77.0  |



#25  
Chloroform  
Concen: 0.479 ug/L  
RT: 5.096 min Scan# 1168  
Delta R.T. -0.000 min  
Lab File: VU044640.D  
Acq: 15 Sep 2021 13:15

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 9221  |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 69.6  | 44.2  | 82.0  |





#27

1,2-Dichloroethane

Concen: 0.251 ug/L

RT: 5.806 min Scan# 1389

Delta R.T. 0.003 min

Lab File: VU044640.D

Acq: 15 Sep 2021 13:15

Tgt Ion: 62 Resp: 3168

Ion Ratio Lower Upper

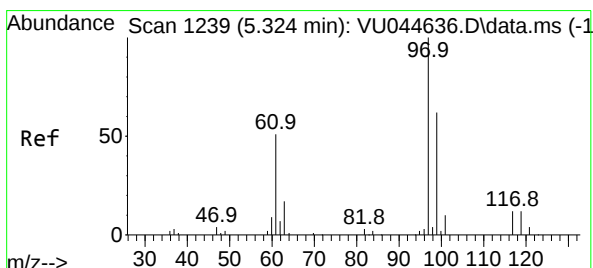
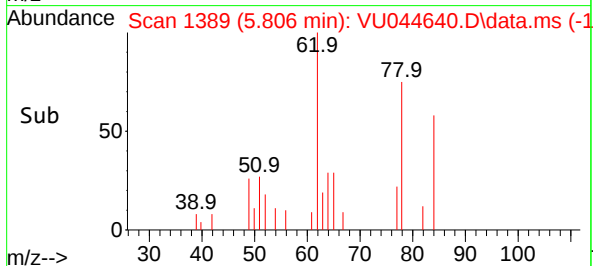
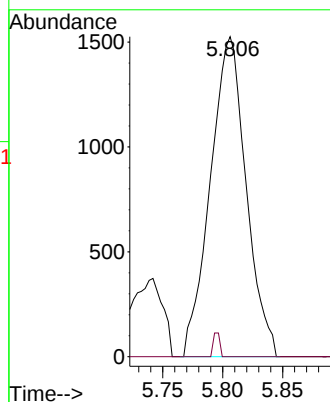
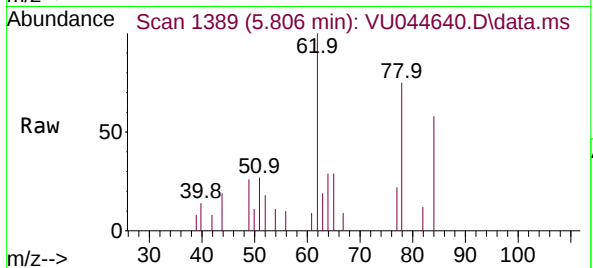
62 100

98 0.0 6.6 10.0#

Instrument :

MSVOA\_U

ClientSampled :



#29

1,1,1-Trichloroethane

Concen: 0.235 ug/L

RT: 5.324 min Scan# 1239

Delta R.T. -0.000 min

Lab File: VU044640.D

Acq: 15 Sep 2021 13:15

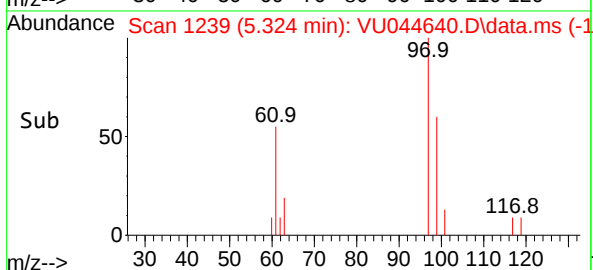
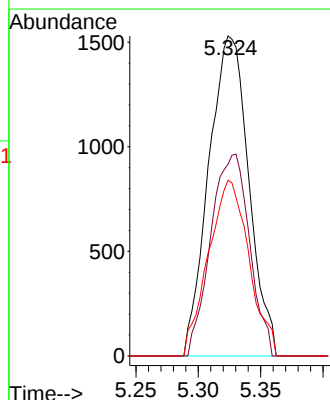
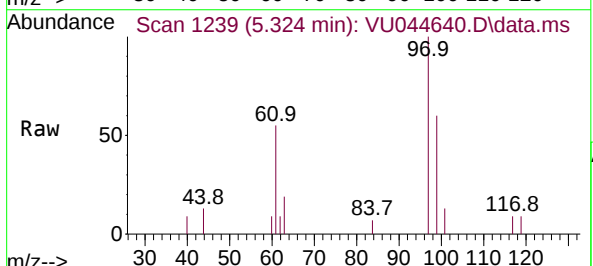
Tgt Ion: 97 Resp: 3416

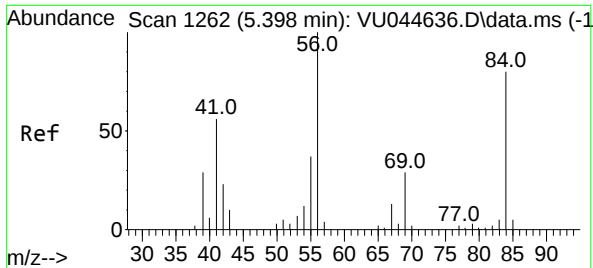
Ion Ratio Lower Upper

97 100

99 61.0 50.7 76.1

61 55.6 40.6 60.8

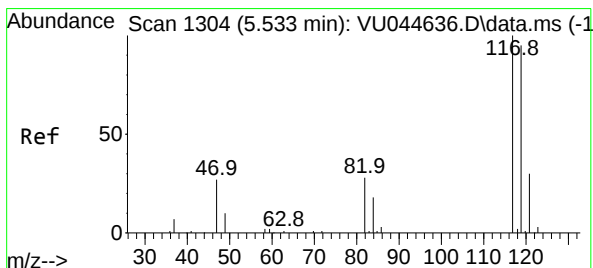
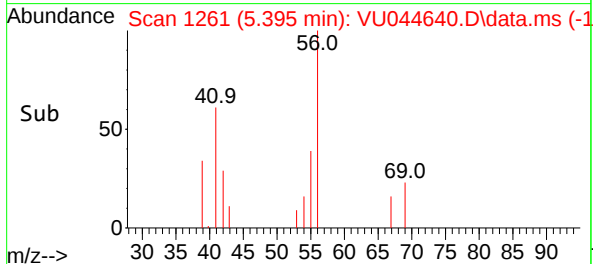
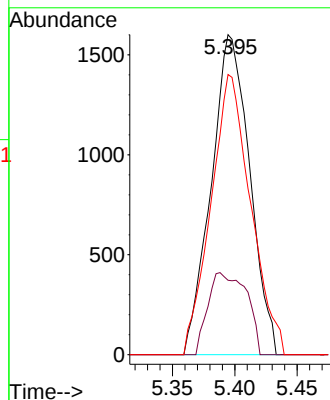
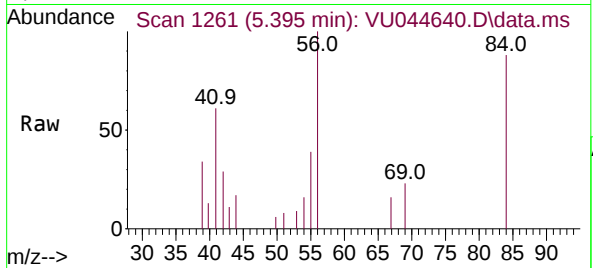




#30  
Cyclohexane  
Concen: 0.206 ug/L  
RT: 5.395 min Scan# 1261  
Delta R.T. -0.003 min  
Lab File: VU044640.D  
Acq: 15 Sep 2021 13:15

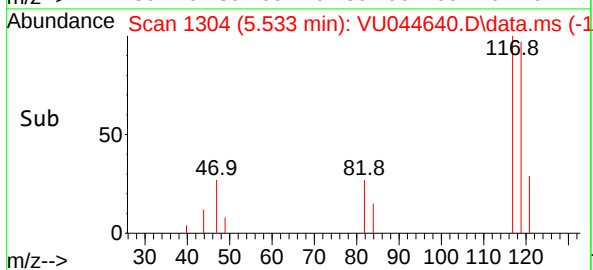
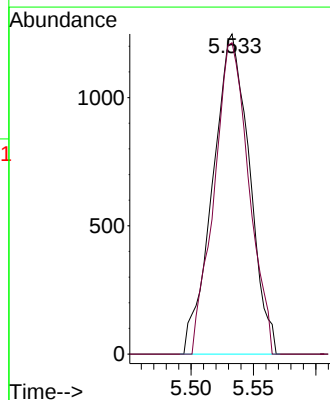
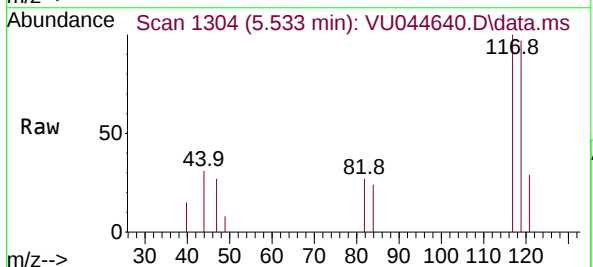
Instrument :  
MSVOA\_U  
ClientSampled :

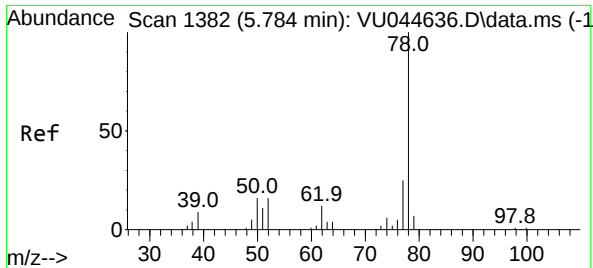
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 56    | Resp: | 3437 |
| Ion Ratio | Lower | Upper |      |
| 56        | 100   |       |      |
| 69        | 25.7  | 23.4  | 35.2 |
| 84        | 90.4  | 65.5  | 98.3 |



#31  
Carbon tetrachloride  
Concen: 0.224 ug/L  
RT: 5.533 min Scan# 1304  
Delta R.T. -0.000 min  
Lab File: VU044640.D  
Acq: 15 Sep 2021 13:15

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 117   | Resp: | 2553  |
| Ion Ratio | Lower | Upper |       |
| 117       | 100   |       |       |
| 119       | 92.2  | 76.4  | 114.6 |

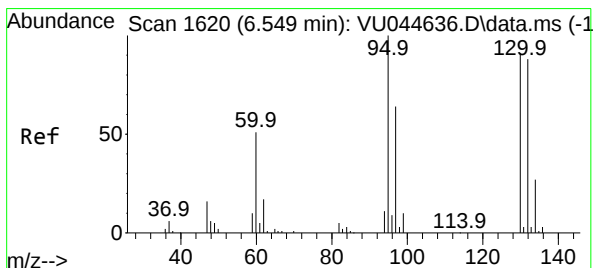
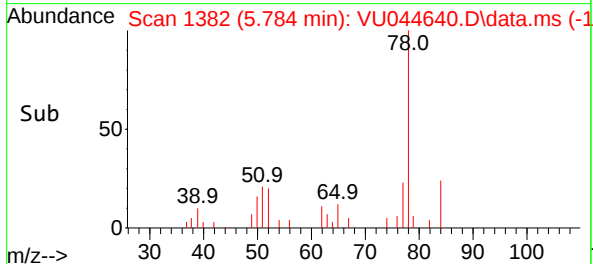
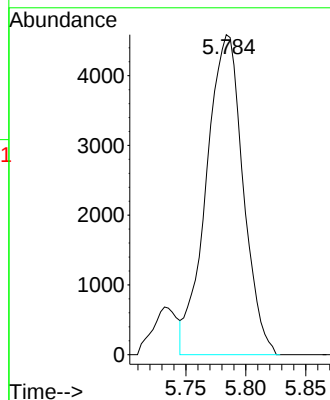
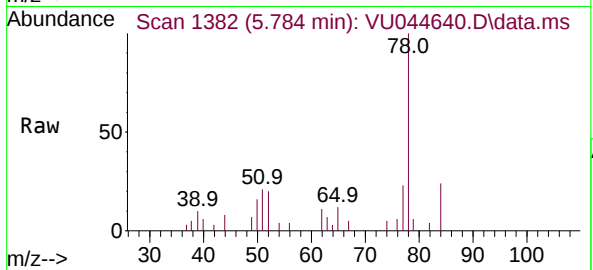




#33  
Benzene  
Concen: 0.247 ug/L  
RT: 5.784 min Scan# 1382  
Delta R.T. -0.000 min  
Lab File: VU044640.D  
Acq: 15 Sep 2021 13:15

Instrument :  
MSVOA\_U  
ClientSampled :

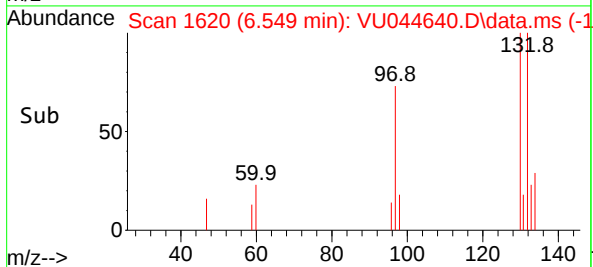
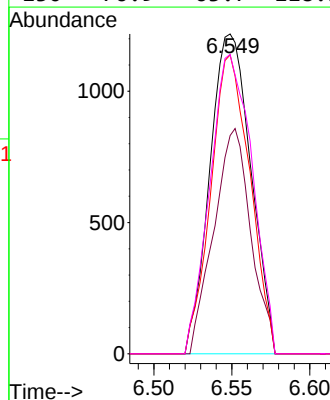
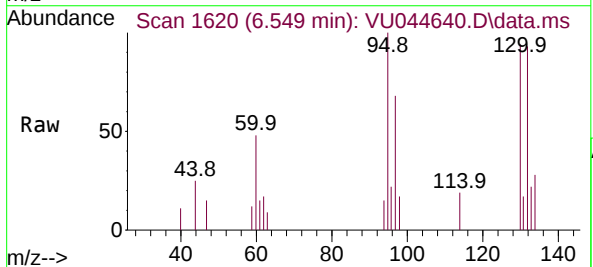
Tgt Ion: 78 Resp: 9773

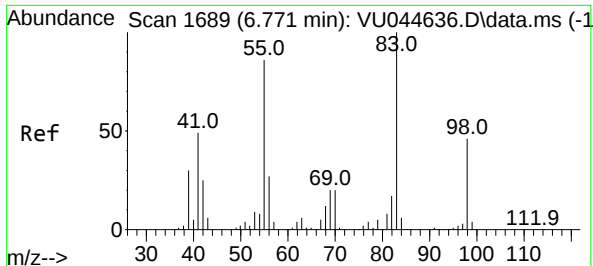


#34  
Trichloroethene  
Concen: 0.228 ug/L  
RT: 6.549 min Scan# 1620  
Delta R.T. -0.000 min  
Lab File: VU044640.D  
Acq: 15 Sep 2021 13:15

Tgt Ion: 95 Resp: 2234

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 95  | 100   |       |       |
| 97  | 56.1  | 44.7  | 82.9  |
| 132 | 76.8  | 60.3  | 111.9 |
| 130 | 76.9  | 63.7  | 118.3 |





#35

Methylcyclohexane

Concen: 0.225 ug/L

RT: 6.767 min Scan# 1688

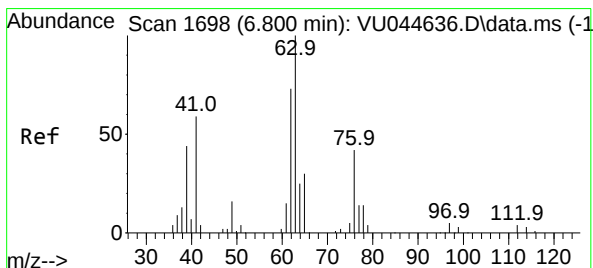
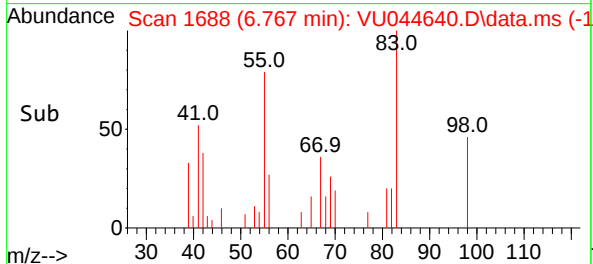
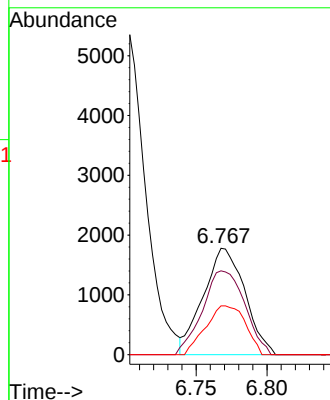
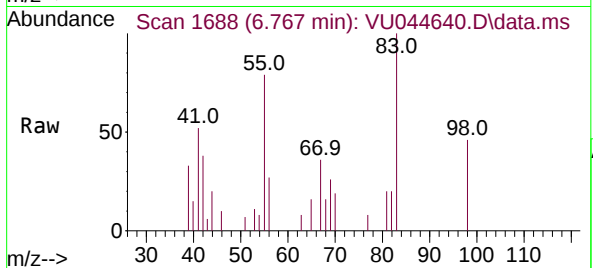
Delta R.T. -0.003 min

Lab File: VU044640.D

Acq: 15 Sep 2021 13:15

Instrument :  
MSVOA\_U  
ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 3628  |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 55       | 80.2  | 68.3  | 102.5 |
| 98       | 43.7  | 37.3  | 55.9  |



#37

1,2-Dichloropropane

Concen: 0.260 ug/L

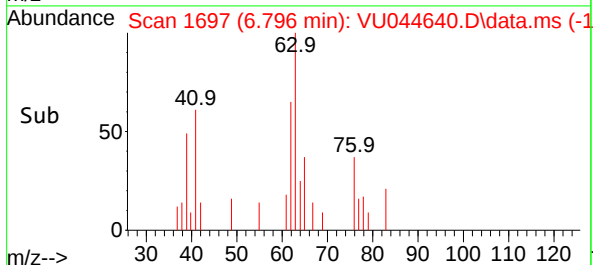
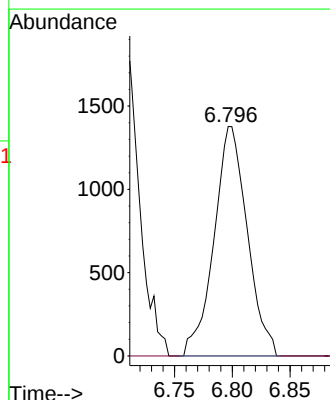
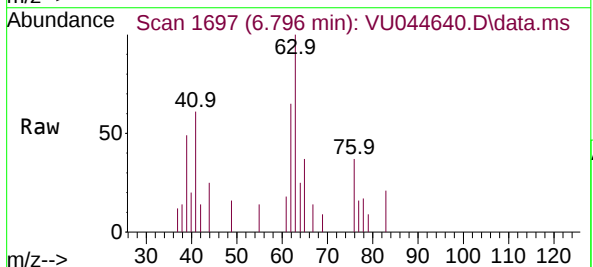
RT: 6.796 min Scan# 1697

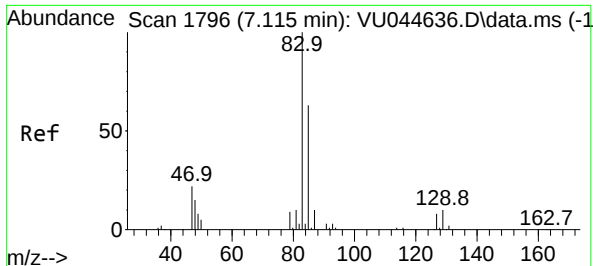
Delta R.T. -0.003 min

Lab File: VU044640.D

Acq: 15 Sep 2021 13:15

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 63    | Resp: | 2761  |
| Ion      | Ratio | Lower | Upper |
| 63       | 100   |       |       |
| 112      | 0.0   | 3.1   | 4.7#  |





#38

Bromodichloromethane

Concen: 0.237 ug/L

RT: 7.115 min Scan# 1796

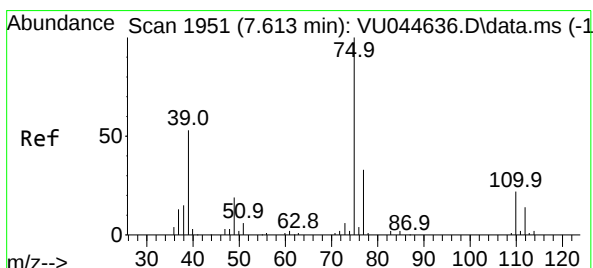
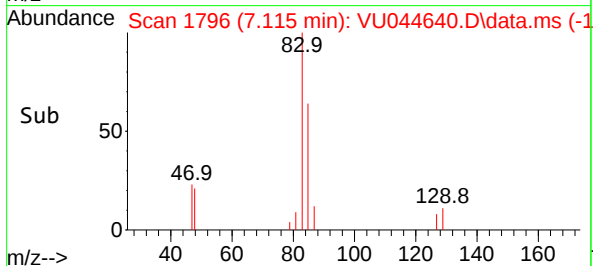
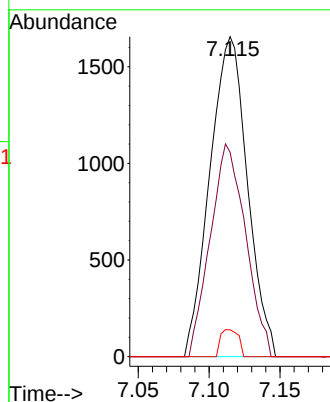
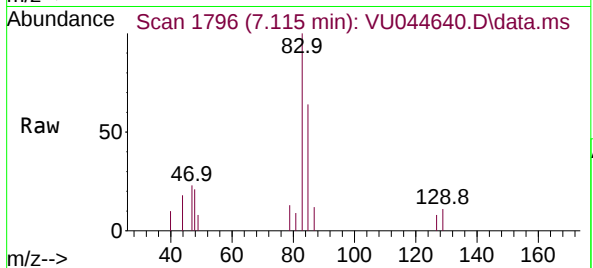
Delta R.T. -0.000 min

Lab File: VU044640.D

Acq: 15 Sep 2021 13:15

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 3049  |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 63.8  | 46.3  | 86.1  |
| 127      | 8.4   | 6.0   | 9.0   |

Instrument :  
MSVOA\_U  
ClientSampleId :



#39

cis-1,3-Dichloropropene

Concen: 0.217 ug/L

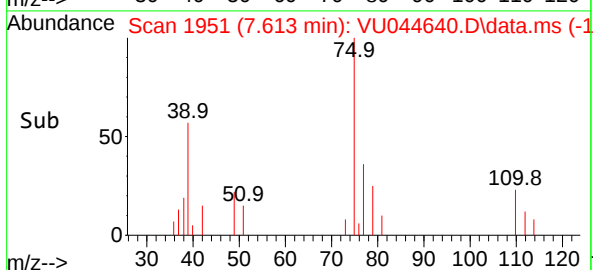
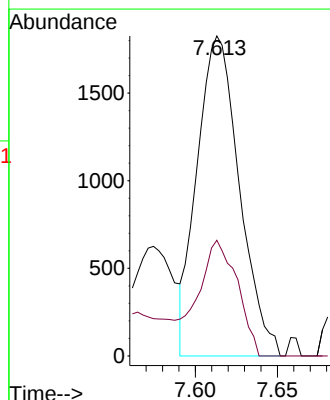
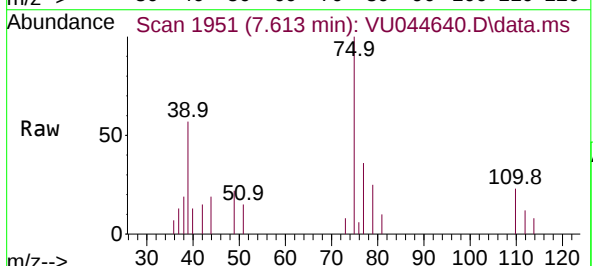
RT: 7.613 min Scan# 1951

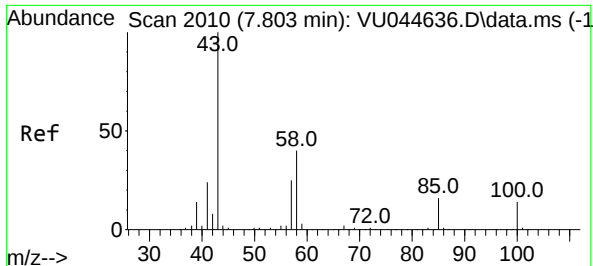
Delta R.T. -0.000 min

Lab File: VU044640.D

Acq: 15 Sep 2021 13:15

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 3269  |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 77       | 36.1  | 21.5  | 39.9  |

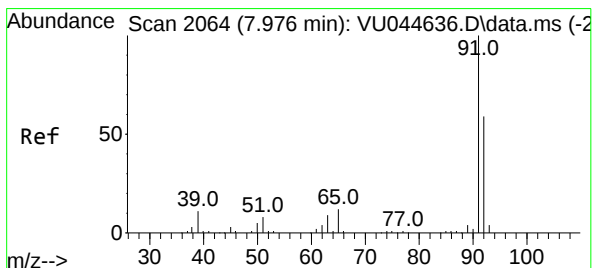
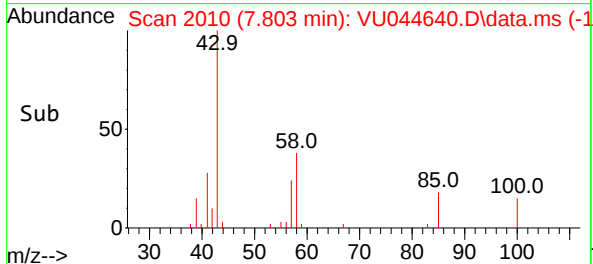
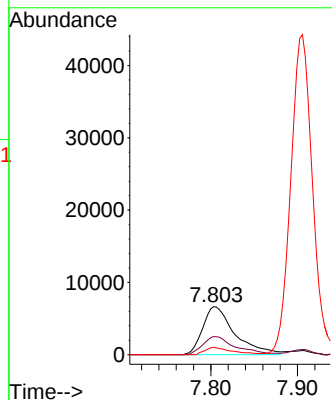
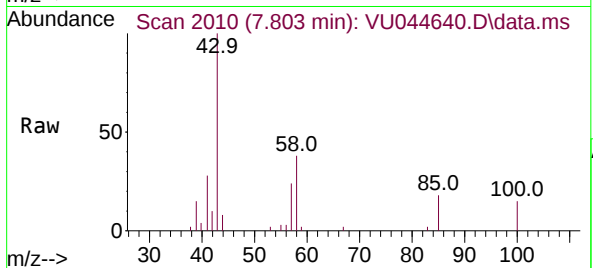




#40  
4-Methyl-2-pentanone  
Concen: 2.069 ug/L  
RT: 7.803 min Scan# 2010  
Delta R.T. -0.000 min  
Lab File: VU044640.D  
Acq: 15 Sep 2021 13:15

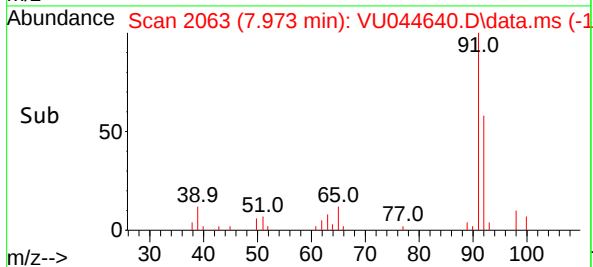
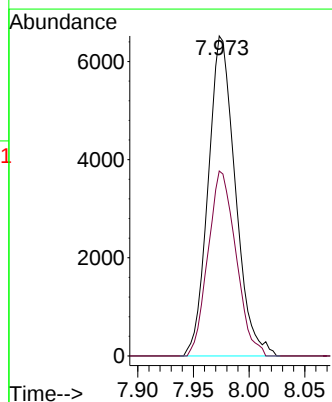
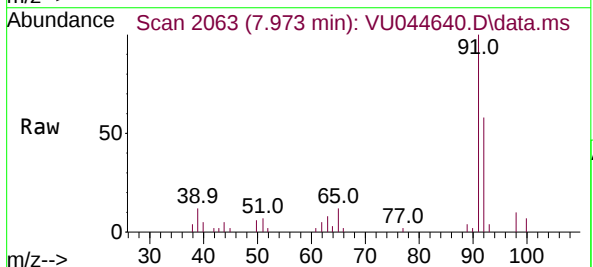
Instrument :  
MSVOA\_U  
ClientSampled :

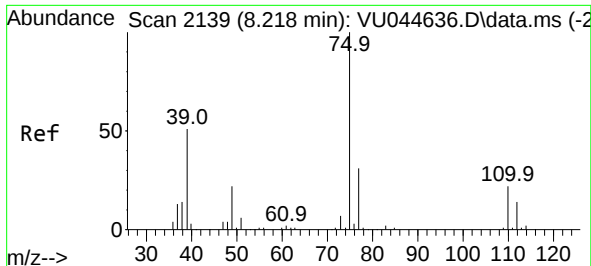
Tgt Ion: 43 Resp: 17099  
Ion Ratio Lower Upper  
43 100  
58 37.9 31.2 46.8  
100 0.0 11.4 17.0#



#42  
Toluene  
Concen: 0.267 ug/L  
RT: 7.973 min Scan# 2063  
Delta R.T. -0.003 min  
Lab File: VU044640.D  
Acq: 15 Sep 2021 13:15

Tgt Ion: 91 Resp: 11057  
Ion Ratio Lower Upper  
91 100  
92 57.8 41.1 76.3

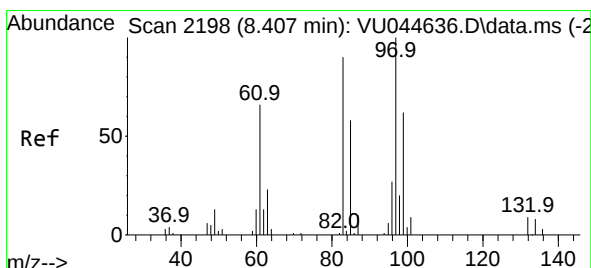
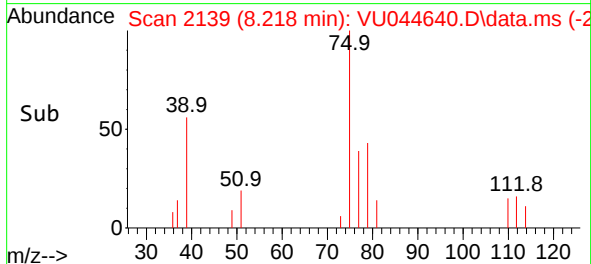
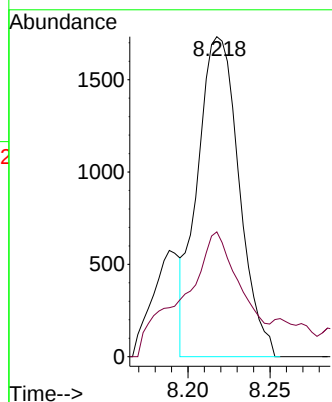
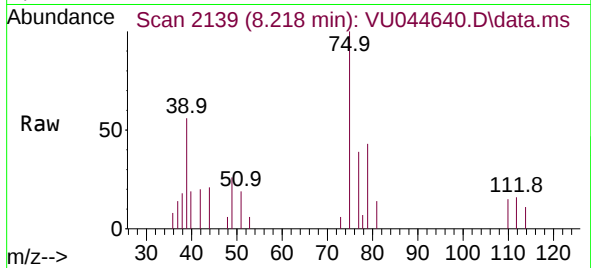




#44  
trans-1,3-Dichloropropene  
Concen: 0.238 ug/L  
RT: 8.218 min Scan# 2139  
Delta R.T. -0.000 min  
Lab File: VU044640.D  
Acq: 15 Sep 2021 13:15

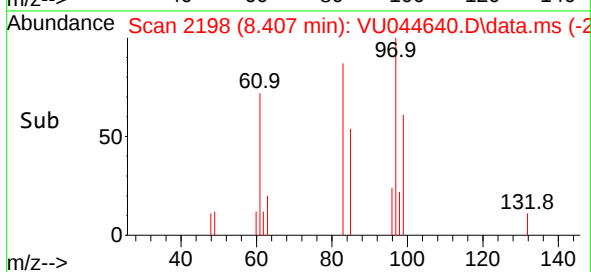
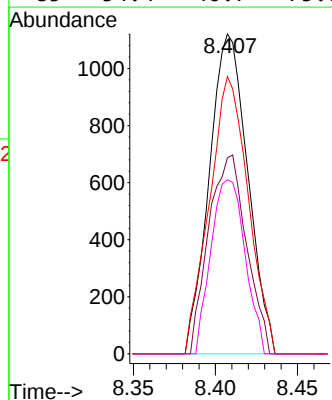
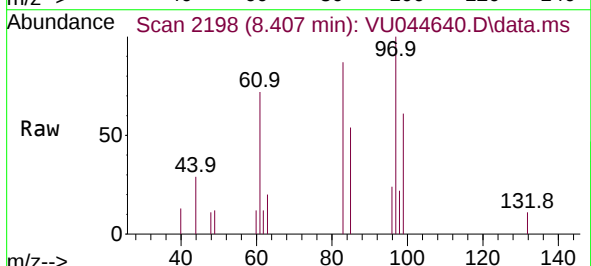
Instrument :  
MSVOA\_U  
ClientSampleId :

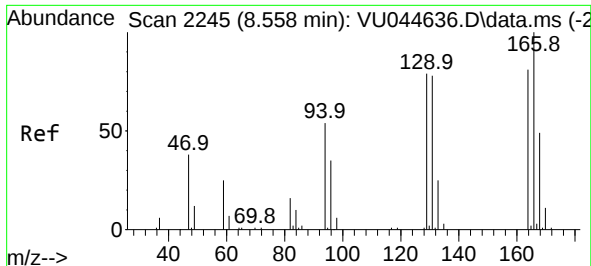
Tgt Ion: 75 Resp: 3054  
Ion Ratio Lower Upper  
75 100  
77 39.0 22.0 41.0



#45  
1,1,2-Trichloroethane  
Concen: 0.242 ug/L  
RT: 8.407 min Scan# 2198  
Delta R.T. -0.000 min  
Lab File: VU044640.D  
Acq: 15 Sep 2021 13:15

Tgt Ion: 97 Resp: 1827  
Ion Ratio Lower Upper  
97 100  
99 61.3 44.8 83.2  
83 86.7 63.6 118.0  
85 54.4 40.7 75.7

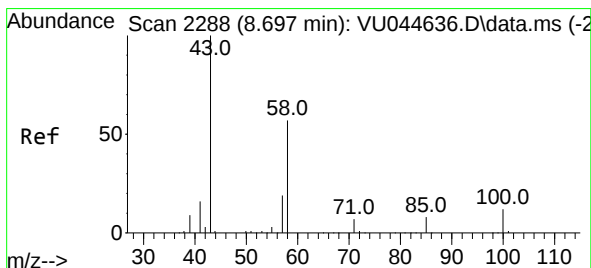
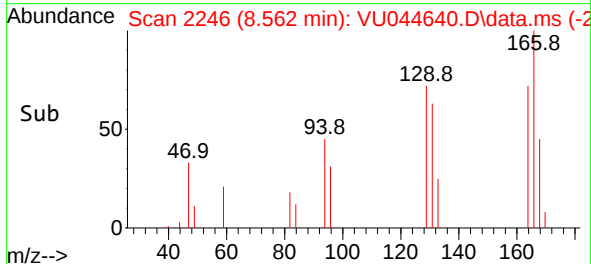
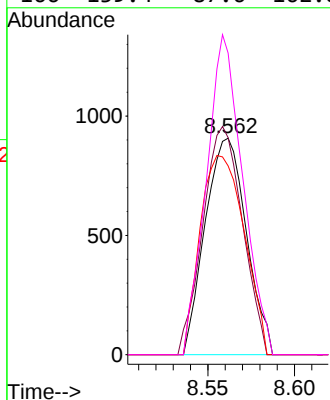
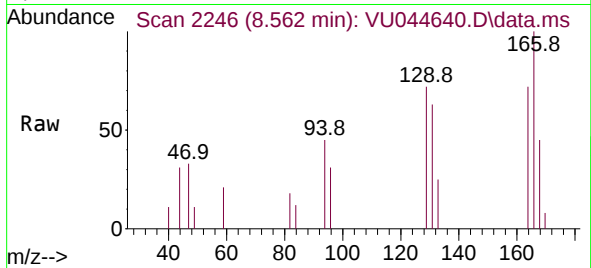




#47  
Tetrachloroethene  
Concen: 0.220 ug/L  
RT: 8.562 min Scan# 2246  
Delta R.T. 0.003 min  
Lab File: VU044640.D  
Acq: 15 Sep 2021 13:15

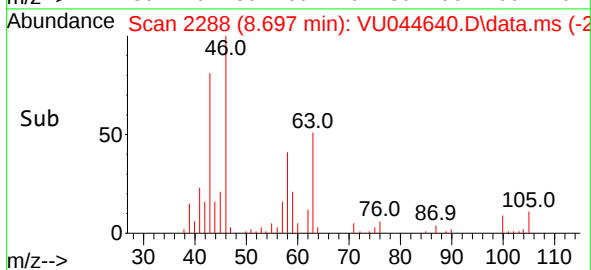
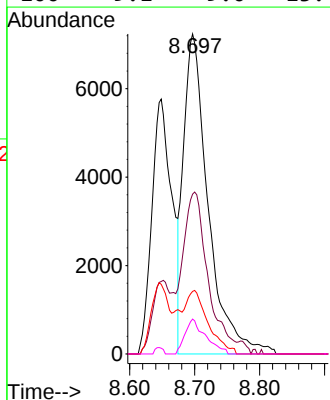
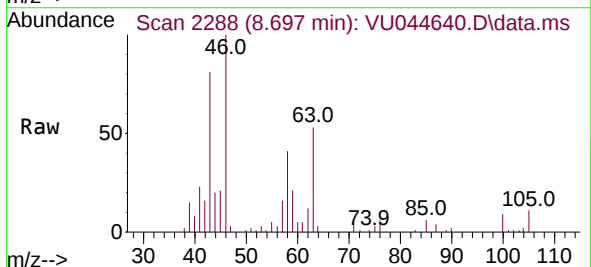
Instrument :  
MSVOA\_U  
ClientSampled :

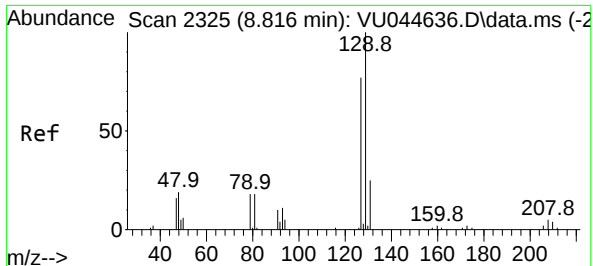
Tgt Ion:164 Resp: 1498  
Ion Ratio Lower Upper  
164 100  
129 100.2 67.0 124.4  
131 87.2 65.2 121.0  
166 139.4 87.6 162.8



#48  
2-Hexanone  
Concen: 3.110 ug/L  
RT: 8.697 min Scan# 2288  
Delta R.T. -0.000 min  
Lab File: VU044640.D  
Acq: 15 Sep 2021 13:15

Tgt Ion: 43 Resp: 19125  
Ion Ratio Lower Upper  
43 100  
58 45.7 44.6 66.8  
57 18.1 14.8 22.2  
100 9.1 9.0 13.4





#49

Dibromochloromethane

Concen: 0.212 ug/L

RT: 8.819 min Scan# 2326

Delta R.T. 0.003 min

Lab File: VU044640.D

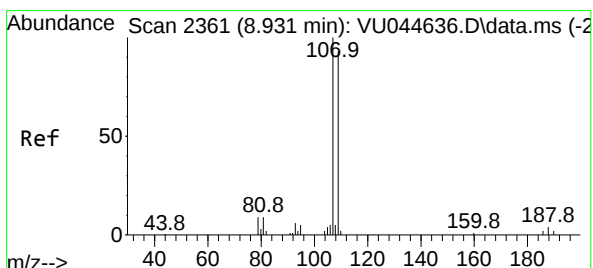
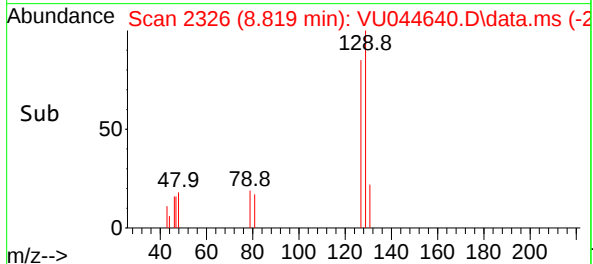
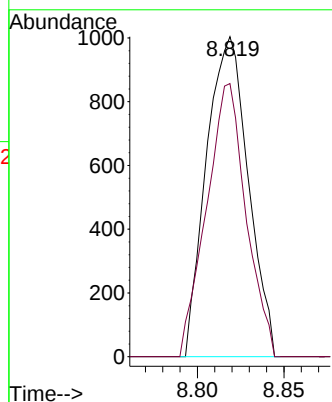
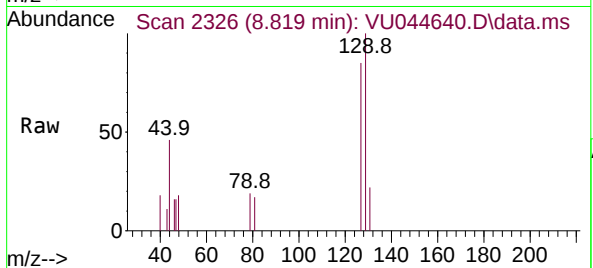
Acq: 15 Sep 2021 13:15

Tgt Ion:129 Resp: 1685

Ion Ratio Lower Upper

129 100

127 85.4 53.3 99.1



#50

1,2-Dibromoethane

Concen: 0.226 ug/L

RT: 8.931 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VU044640.D

Acq: 15 Sep 2021 13:15

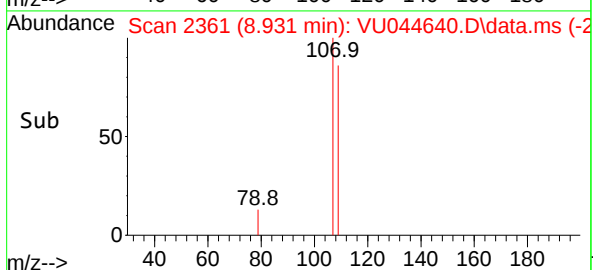
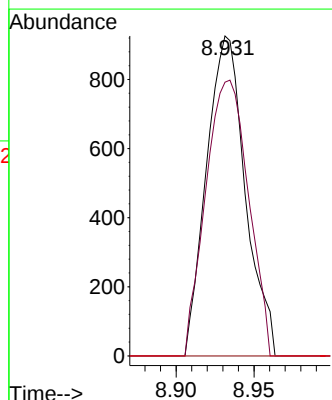
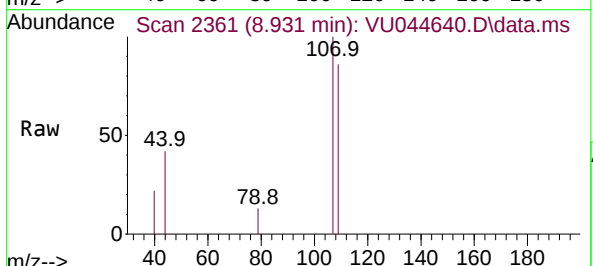
Tgt Ion:107 Resp: 1607

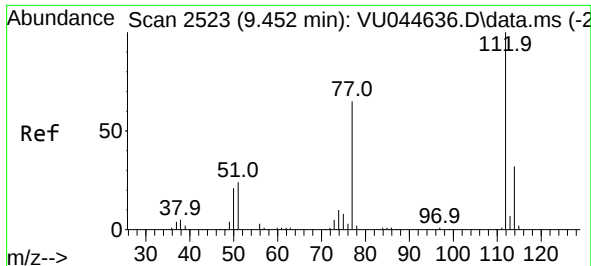
Ion Ratio Lower Upper

107 100

109 85.5 65.5 121.7

188 0.0 3.0 4.4#

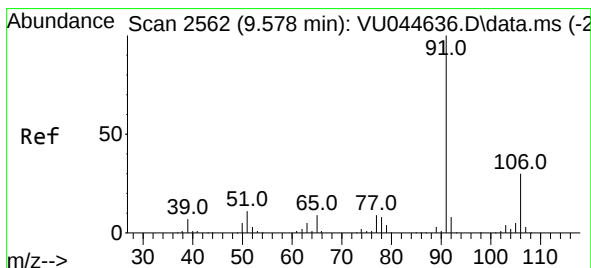
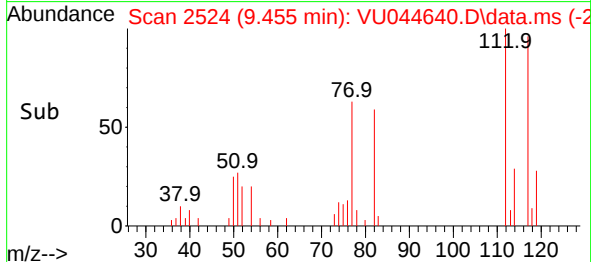
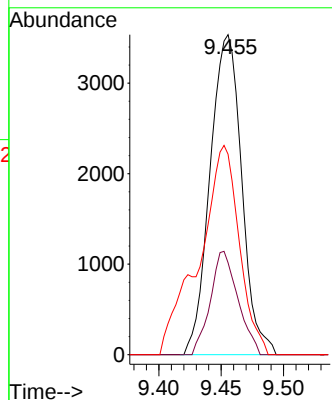
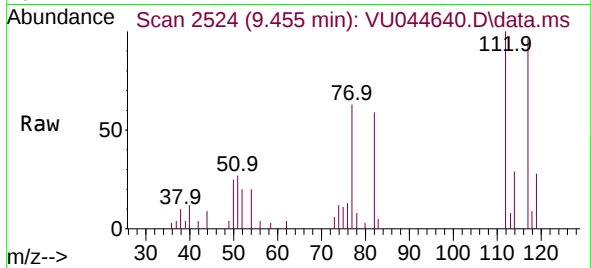




#51  
Chlorobenzene  
Concen: 0.244 ug/L  
RT: 9.455 min Scan# 2524  
Delta R.T. 0.003 min  
Lab File: VU044640.D  
Acq: 15 Sep 2021 13:15

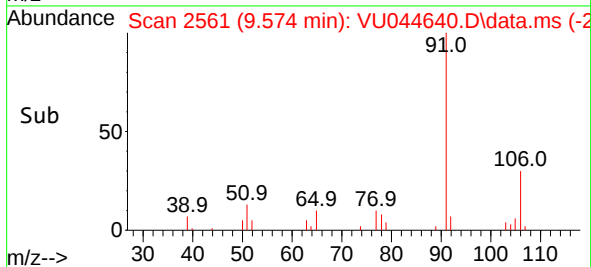
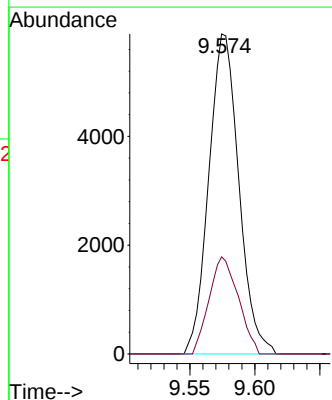
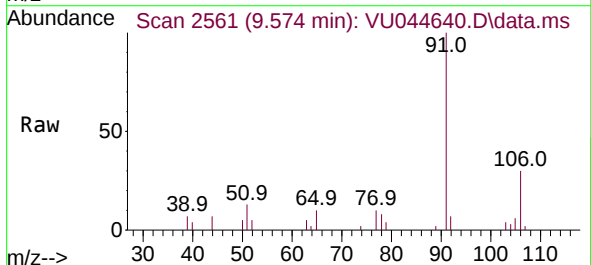
Instrument :  
MSVOA\_U  
ClientSampleId :

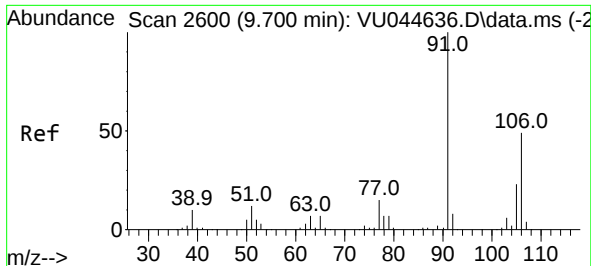
Tgt Ion:112 Resp: 6251  
Ion Ratio Lower Upper  
112 100  
114 28.7 22.8 42.4  
77 62.7 51.4 77.0



#52  
Ethylbenzene  
Concen: 0.211 ug/L  
RT: 9.574 min Scan# 2561  
Delta R.T. -0.003 min  
Lab File: VU044640.D  
Acq: 15 Sep 2021 13:15

Tgt Ion: 91 Resp: 9442  
Ion Ratio Lower Upper  
91 100  
106 30.4 21.1 39.1

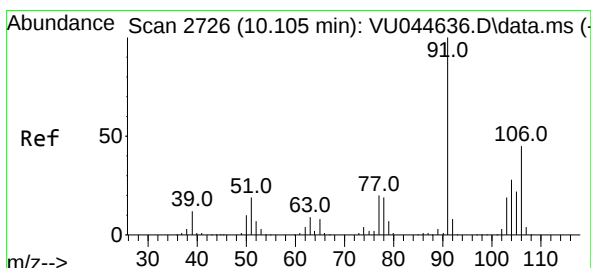
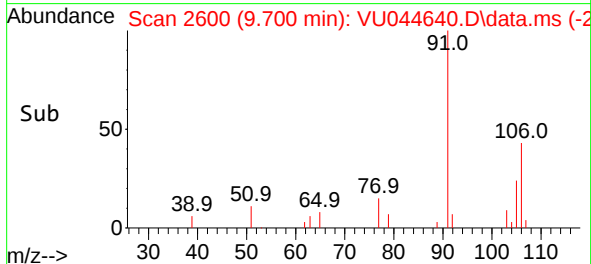
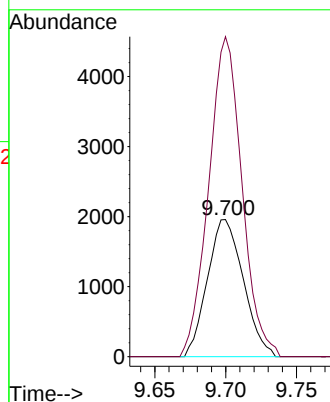
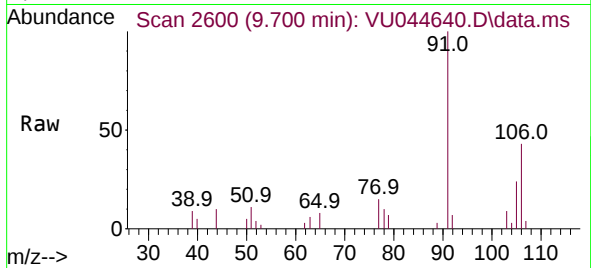




#53  
m,p-Xylene  
Concen: 0.203 ug/L  
RT: 9.700 min Scan# 2600  
Delta R.T. -0.000 min  
Lab File: VU044640.D  
Acq: 15 Sep 2021 13:15

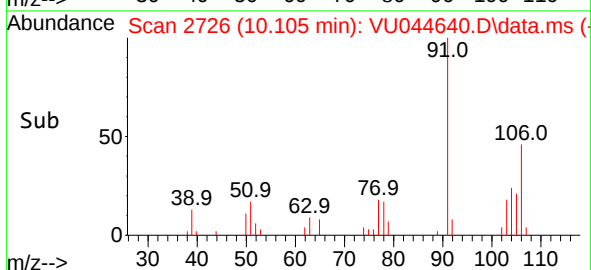
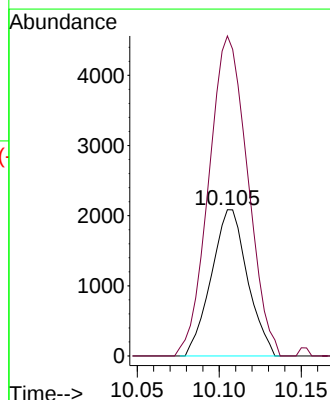
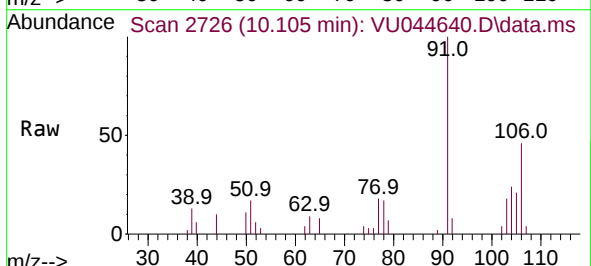
Instrument :  
MSVOA\_U  
ClientSampled :

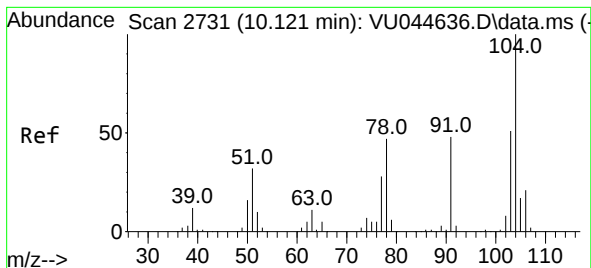
Tgt Ion:106 Resp: 3453  
Ion Ratio Lower Upper  
106 100  
91 233.2 144.6 268.6



#54  
o-Xylene  
Concen: 0.196 ug/L  
RT: 10.105 min Scan# 2726  
Delta R.T. -0.000 min  
Lab File: VU044640.D  
Acq: 15 Sep 2021 13:15

Tgt Ion:106 Resp: 3194  
Ion Ratio Lower Upper  
106 100  
91 218.8 156.2 290.0





#55

Styrene

Concen: 0.191 ug/L

RT: 10.121 min Scan# 2731

Delta R.T. -0.000 min

Lab File: VU044640.D

Acq: 15 Sep 2021 13:15

Tgt Ion:104 Resp: 5436

Ion Ratio Lower Upper

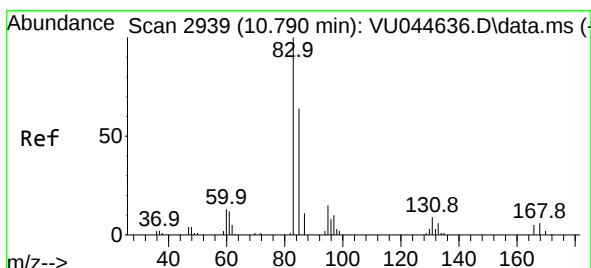
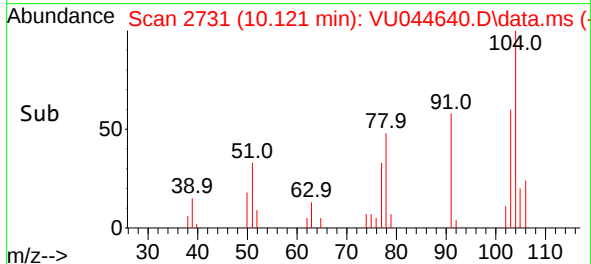
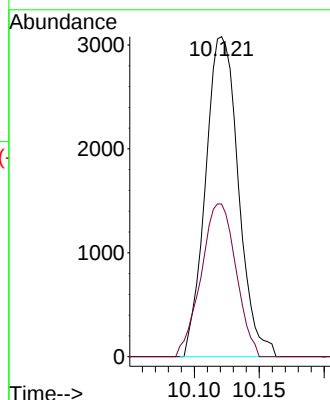
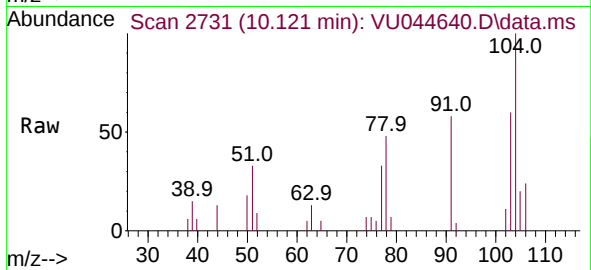
104 100

78 47.7 33.6 62.4

Instrument :

MSVOA\_U

ClientSampled :



#57

1,1,2,2-Tetrachloroethane

Concen: 0.233 ug/L

RT: 10.790 min Scan# 2939

Delta R.T. -0.000 min

Lab File: VU044640.D

Acq: 15 Sep 2021 13:15

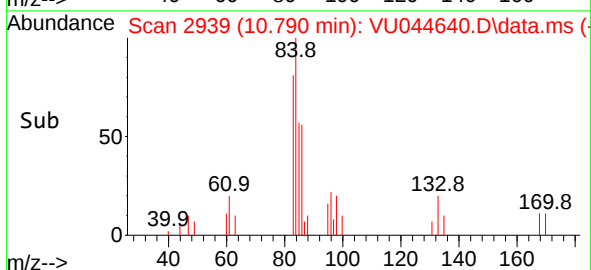
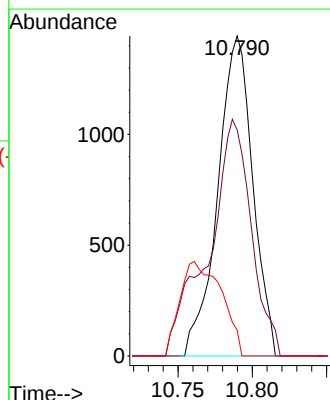
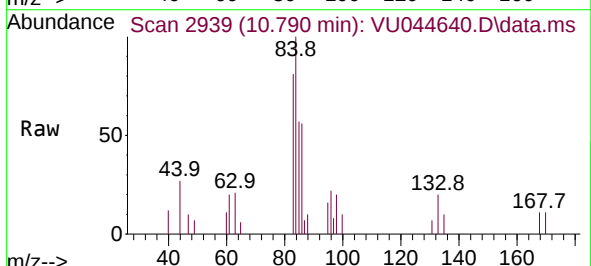
Tgt Ion: 83 Resp: 2359

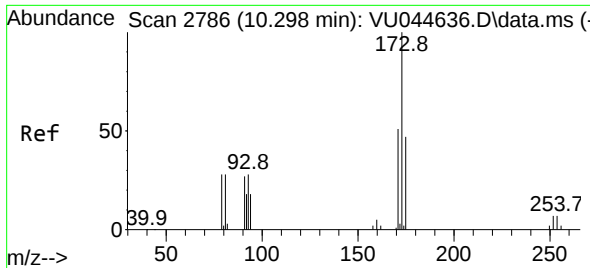
Ion Ratio Lower Upper

83 100

85 70.6 44.5 82.7

131 8.1 6.6 10.0

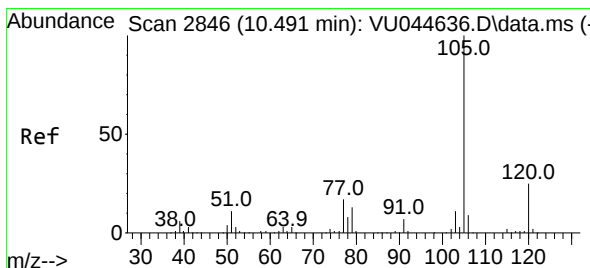
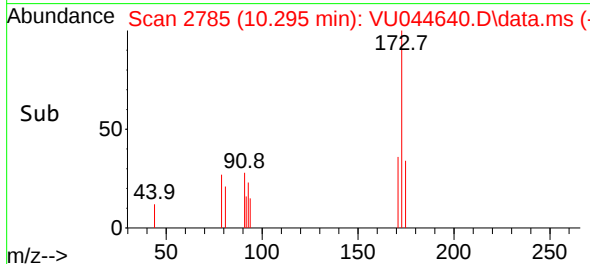
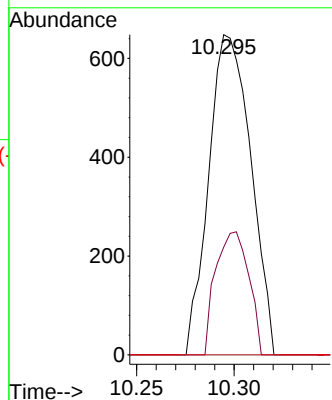
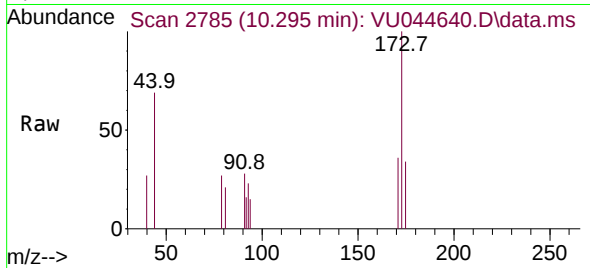




#59  
Bromoform  
Concen: 0.247 ug/L  
RT: 10.295 min Scan# 2785  
Delta R.T. -0.003 min  
Lab File: VU044640.D  
Acq: 15 Sep 2021 13:15

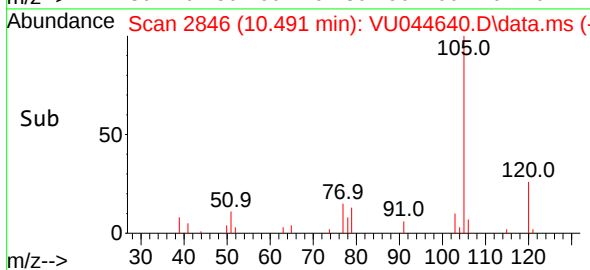
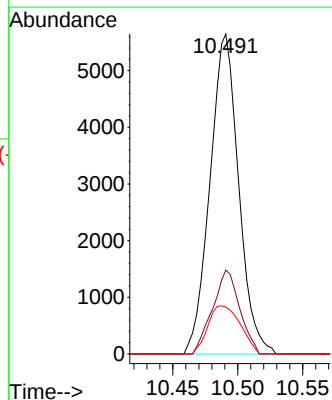
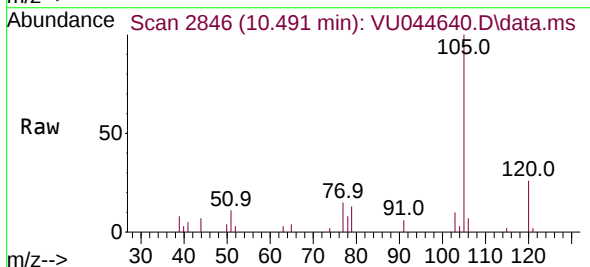
Instrument :  
MSVOA\_U  
ClientSampled :

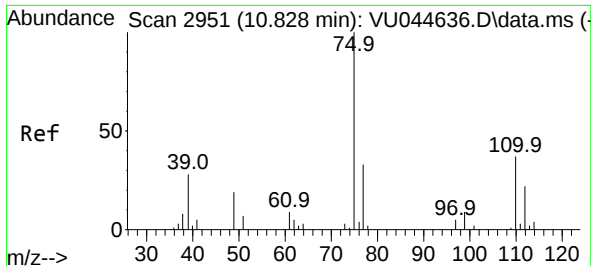
Tgt Ion:173 Resp: 973  
Ion Ratio Lower Upper  
173 100  
175 30.1 38.8 58.2#  
254 0.0 4.9 7.3#



#60  
Isopropylbenzene  
Concen: 0.218 ug/L  
RT: 10.491 min Scan# 2846  
Delta R.T. -0.000 min  
Lab File: VU044640.D  
Acq: 15 Sep 2021 13:15

Tgt Ion:105 Resp: 8650  
Ion Ratio Lower Upper  
105 100  
120 24.9 20.2 30.2  
77 17.0 13.6 20.4

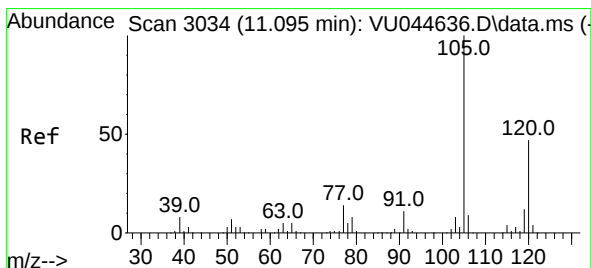
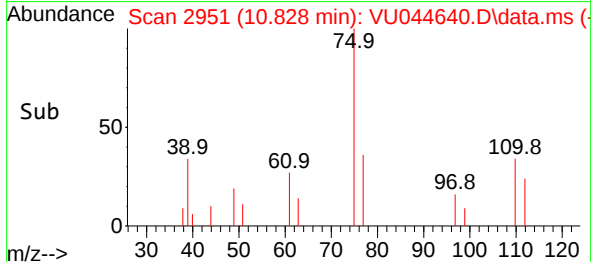
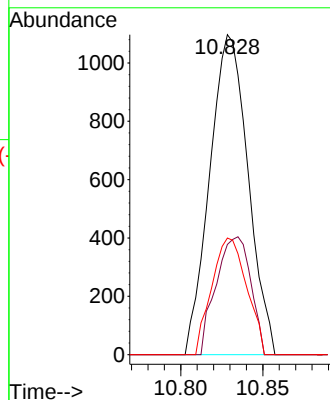
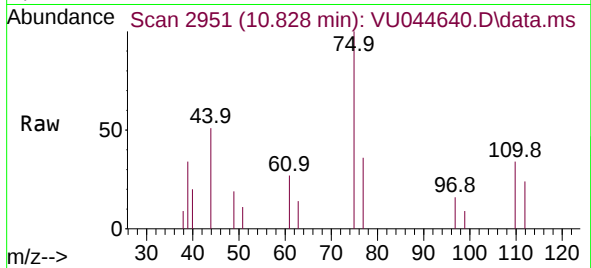




#61  
1,2,3-Trichloropropane  
Concen: 0.254 ug/L  
RT: 10.828 min Scan# 2951  
Delta R.T. -0.000 min  
Lab File: VU044640.D  
Acq: 15 Sep 2021 13:15

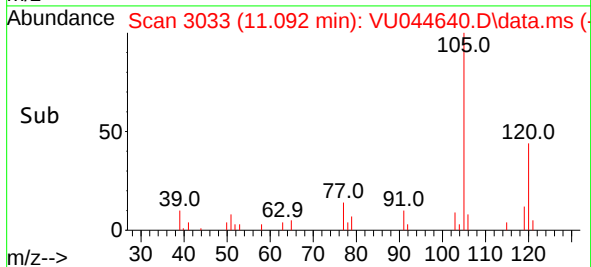
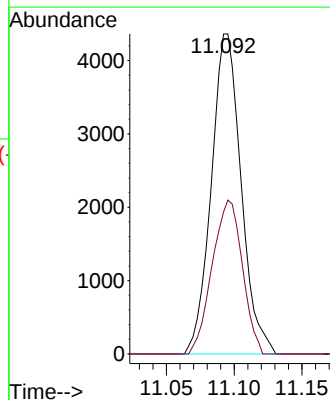
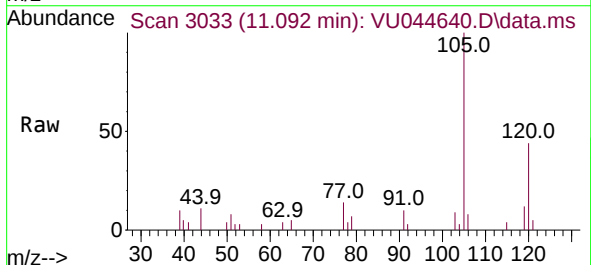
Instrument :  
MSVOA\_U  
ClientSampled :

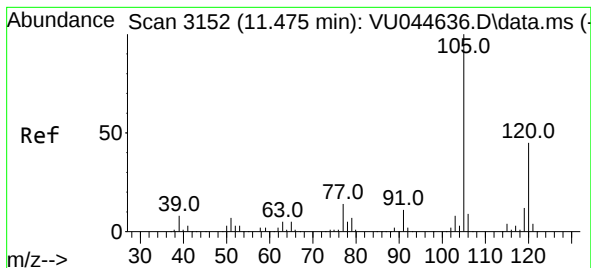
Tgt Ion: 75 Resp: 1779  
Ion Ratio Lower Upper  
75 100  
110 33.2 28.8 43.2  
77 33.2 25.9 38.9



#62  
1,3,5-Trimethylbenzene  
Concen: 0.202 ug/L  
RT: 11.092 min Scan# 3033  
Delta R.T. -0.003 min  
Lab File: VU044640.D  
Acq: 15 Sep 2021 13:15

Tgt Ion: 105 Resp: 6675  
Ion Ratio Lower Upper  
105 100  
120 48.5 38.2 57.2

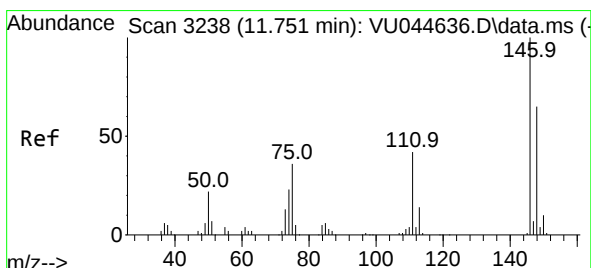
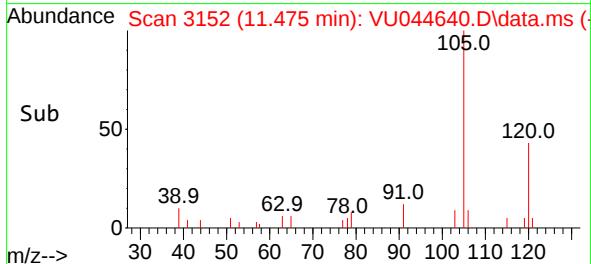
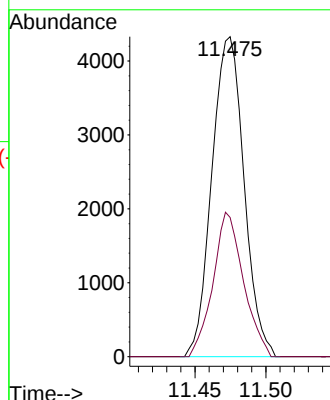
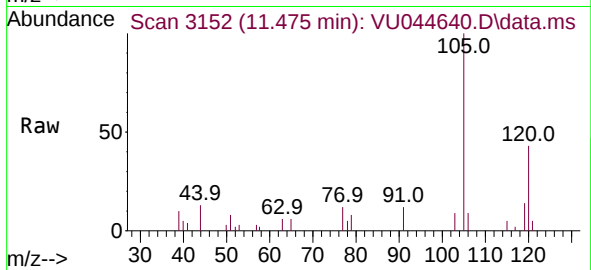




#63  
1,2,4-Trimethylbenzene  
Concen: 0.202 ug/L  
RT: 11.475 min Scan# 3152  
Delta R.T. -0.000 min  
Lab File: VU044640.D  
Acq: 15 Sep 2021 13:15

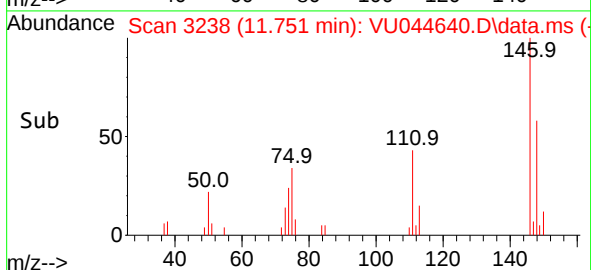
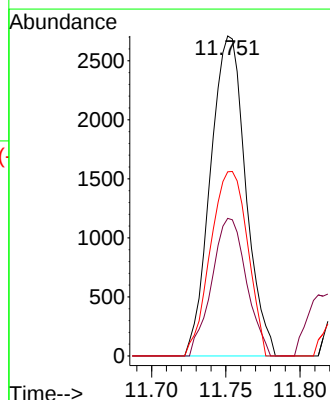
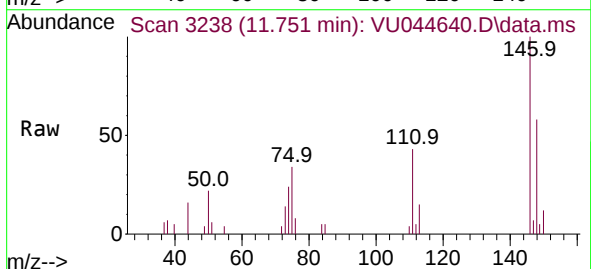
Instrument :  
MSVOA\_U  
ClientSampleId :

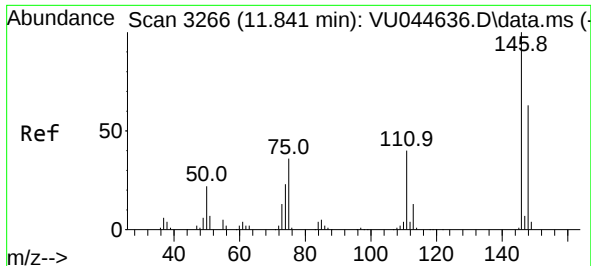
Tgt Ion:105 Resp: 6840  
Ion Ratio Lower Upper  
105 100  
120 42.6 35.4 53.2



#64  
1,3-Dichlorobenzene  
Concen: 0.241 ug/L  
RT: 11.751 min Scan# 3238  
Delta R.T. -0.000 min  
Lab File: VU044640.D  
Acq: 15 Sep 2021 13:15

Tgt Ion:146 Resp: 4469  
Ion Ratio Lower Upper  
146 100  
111 43.0 29.8 55.4  
148 57.6 45.2 84.0

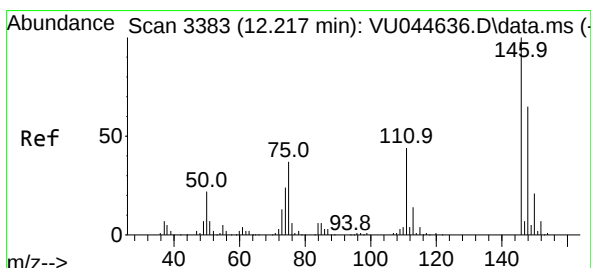
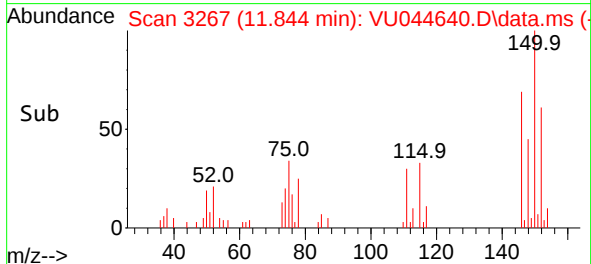
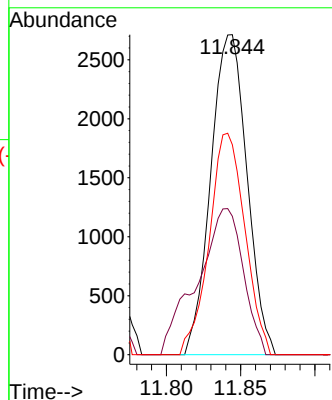
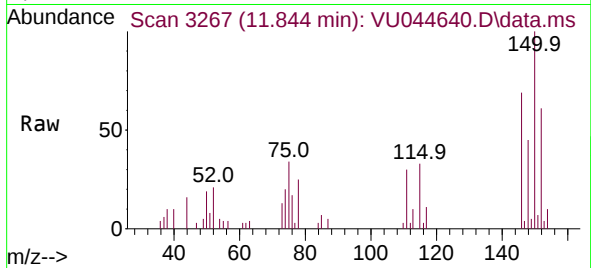




#65  
1,4-Dichlorobenzene  
Concen: 0.241 ug/L  
RT: 11.844 min Scan# 3267  
Delta R.T. 0.003 min  
Lab File: VU044640.D  
Acq: 15 Sep 2021 13:15

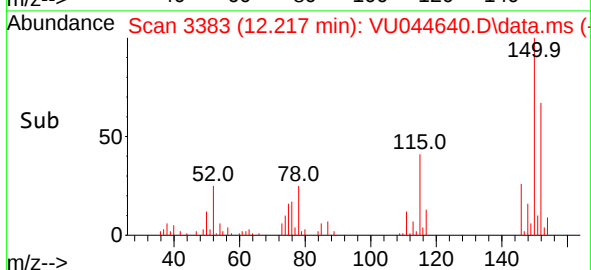
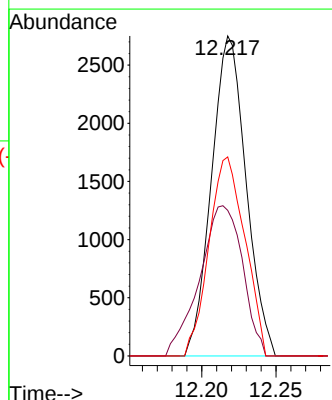
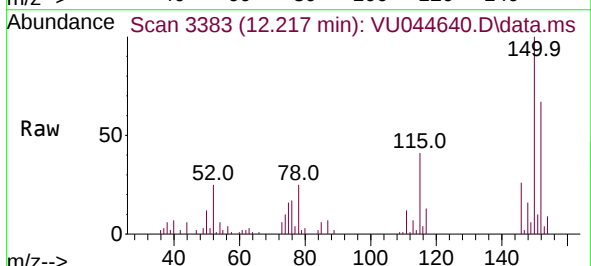
Instrument :  
MSVOA\_U  
ClientSampled :

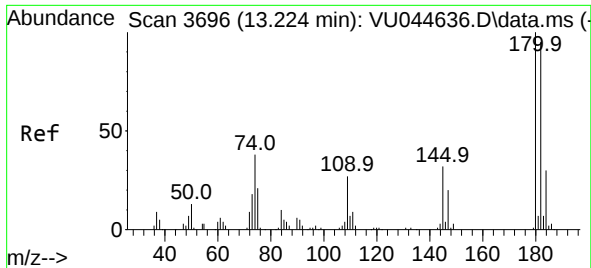
Tgt Ion:146 Resp: 4601  
Ion Ratio Lower Upper  
146 100  
111 43.2 28.7 53.3  
148 65.6 45.4 84.4



#67  
1,2-Dichlorobenzene  
Concen: 0.253 ug/L  
RT: 12.217 min Scan# 3383  
Delta R.T. -0.000 min  
Lab File: VU044640.D  
Acq: 15 Sep 2021 13:15

Tgt Ion:146 Resp: 4452  
Ion Ratio Lower Upper  
146 100  
111 45.5 34.6 51.8  
148 62.2 51.3 76.9

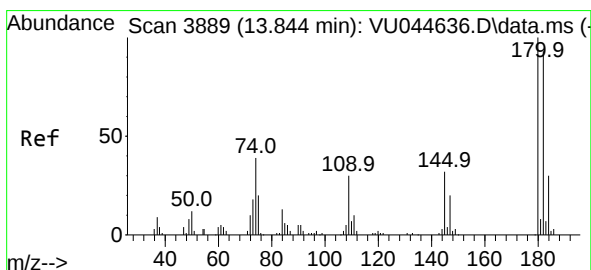
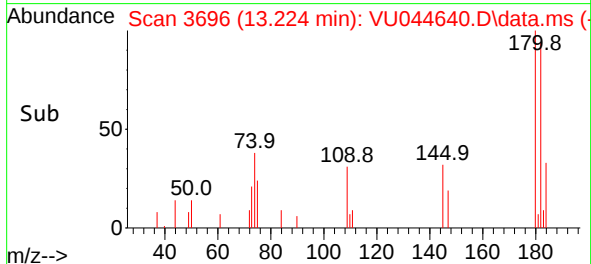
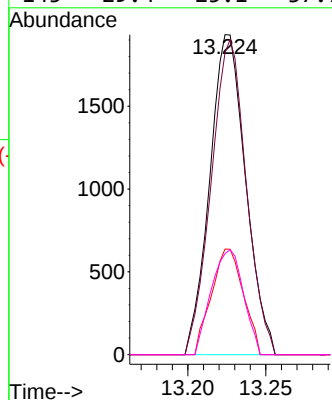
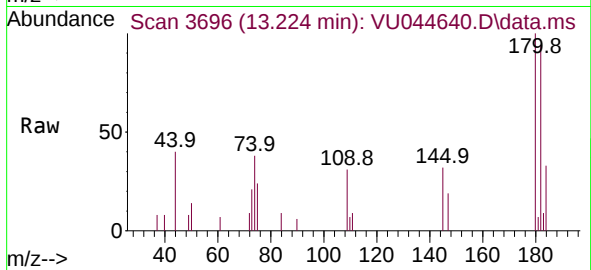




#69  
1,3,5-Trichlorobenzene  
Concen: 0.219 ug/L  
RT: 13.224 min Scan# 3696  
Delta R.T. -0.000 min  
Lab File: VU044640.D  
Acq: 15 Sep 2021 13:15

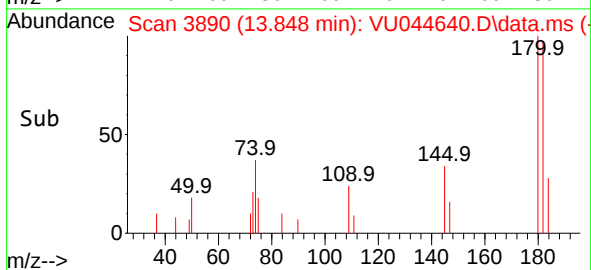
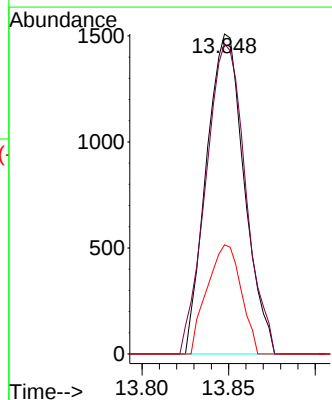
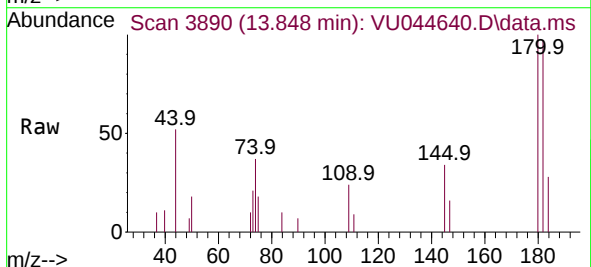
Instrument :  
MSVOA\_U  
ClientSampled :

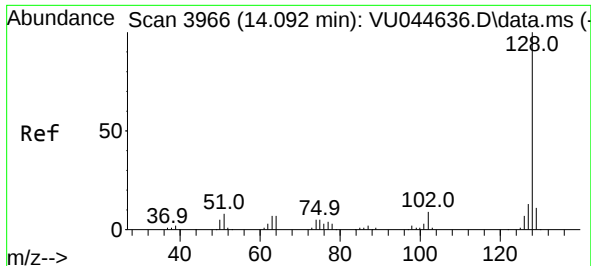
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 180   | Resp: | 3089  |
| Ion      | Ratio | Lower | Upper |
| 180      | 100   |       |       |
| 182      | 96.1  | 76.9  | 115.3 |
| 184      | 29.4  | 24.1  | 36.1  |
| 145      | 29.4  | 25.1  | 37.7  |



#70  
1,2,4-trichlorobenzene  
Concen: 0.193 ug/L  
RT: 13.848 min Scan# 3890  
Delta R.T. 0.003 min  
Lab File: VU044640.D  
Acq: 15 Sep 2021 13:15

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 180   | Resp: | 2289  |
| Ion      | Ratio | Lower | Upper |
| 180      | 100   |       |       |
| 182      | 101.2 | 75.4  | 113.0 |
| 145      | 30.6  | 25.2  | 37.8  |

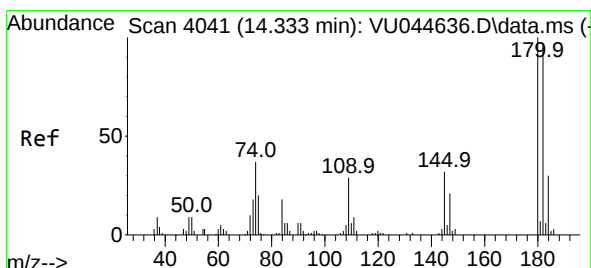
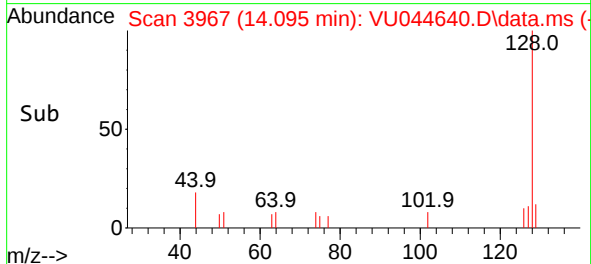
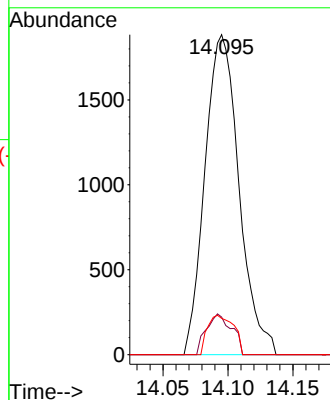
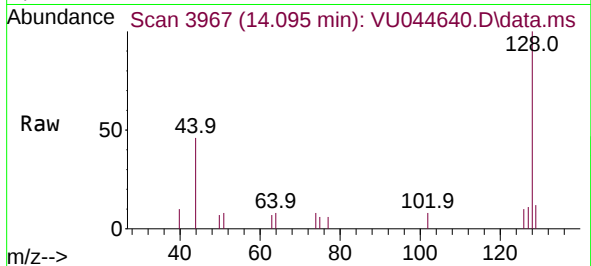




#71  
Naphthalene  
Concen: 0.148 ug/L  
RT: 14.095 min Scan# 3967  
Delta R.T. 0.003 min  
Lab File: VU044640.D  
Acq: 15 Sep 2021 13:15

Instrument :  
MSVOA\_U  
ClientSampled :

Tgt Ion:128 Resp: 3434  
Ion Ratio Lower Upper  
128 100  
129 9.5 8.7 13.1  
127 9.4 10.4 15.6#



#72  
1,2,3-Trichlorobenzene  
Concen: 0.182 ug/L  
RT: 14.333 min Scan# 4041  
Delta R.T. -0.000 min  
Lab File: VU044640.D  
Acq: 15 Sep 2021 13:15

Tgt Ion:180 Resp: 1989  
Ion Ratio Lower Upper  
180 100  
182 100.9 75.9 113.9  
145 31.5 27.0 40.6

