

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU090921\  
 Data File : VU044610.D  
 Acq On : 09 Sep 2021 13:06  
 Operator : SY/MD  
 Sample : VSTD00122  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Sep 10 01:06:40 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR090921WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Sep 10 01:05:30 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-------|--------|----------|
| -----                         |        |      |          |       |        |          |
| Internal Standards            |        |      |          |       |        |          |
| 1) 1,4-Difluorobenzene        | 6.256  | 114  | 138285   | 5.000 | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.423  | 117  | 143069   | 5.000 | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.819 | 152  | 71840    | 5.000 | ug/L   | 0.00     |
| System Monitoring Compounds   |        |      |          |       |        |          |
| 4) Vinyl Chloride-d3          | 1.600  | 65   | 8079     | 0.748 | ug/L   | 0.00     |
| 7) Chloroethane-d5            | 1.919  | 69   | 8201     | 0.857 | ug/L   | 0.00     |
| 11) 1,1-Dichloroethene-d2     | 2.571  | 65   | 3791     | 0.804 | ug/L   | 0.00     |
| 20) 2-Butanone-d5             | 4.652  | 46   | 25801    | 8.080 | ug/L   | 0.00     |
| 24) Chloroform-d              | 5.073  | 84   | 15990    | 0.826 | ug/L   | 0.00     |
| 26) 1,2-Dichloroethane-d4     | 5.710  | 65   | 9822     | 0.908 | ug/L   | 0.00     |
| 32) Benzene-d6                | 5.735  | 84   | 33017    | 0.819 | ug/L   | 0.00     |
| 36) 1,2-Dichloropropane-d6    | 6.700  | 67   | 10944    | 0.847 | ug/L   | 0.00     |
| 41) Toluene-d8                | 7.906  | 98   | 27345    | 0.766 | ug/L   | 0.00     |
| 43) trans-1,3-Dichloroprop... | 8.185  | 79   | 3433     | 0.741 | ug/L   | 0.00     |
| 46) 2-Hexanone-d5             | 8.648  | 63   | 21780    | 8.432 | ug/L   | 0.00     |
| 56) 1,1,2,2-Tetrachloroeth... | 10.761 | 84   | 9281     | 0.846 | ug/L   | 0.00     |
| 66) 1,2-Dichlorobenzene-d4    | 12.198 | 152  | 10454    | 0.859 | ug/L   | 0.00     |
| Target Compounds              |        |      |          |       |        |          |
|                               |        |      |          |       |        | Qvalue   |
| 2) Dichlorodifluoromethane    | 1.388  | 85   | 10737    | 0.789 | ug/L   | 99       |
| 3) Chloromethane              | 1.520  | 50   | 13088    | 0.739 | ug/L   | 98       |
| 5) Vinyl chloride             | 1.607  | 62   | 12815    | 0.775 | ug/L   | 96       |
| 6) Bromomethane               | 1.861  | 94   | 6843     | 0.765 | ug/L   | 89       |
| 8) Chloroethane               | 1.938  | 64   | 8248     | 0.806 | ug/L   | 97       |
| 9) Trichlorofluoromethane     | 2.144  | 101  | 14833    | 0.782 | ug/L   | 98       |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.587  | 101  | 8794     | 0.831 | ug/L   | 96       |
| 12) 1,1-Dichloroethene        | 2.587  | 96   | 8413     | 0.812 | ug/L   | 91       |
| 13) Acetone                   | 2.655  | 43   | 13033    | 5.105 | ug/L   | 74       |
| 14) Carbon disulfide          | 2.800  | 76   | 26244    | 0.788 | ug/L   | 97       |
| 15) Methyl Acetate            | 2.964  | 43   | 3261     | 0.810 | ug/L   | 94       |
| 16) Methylene chloride        | 3.054  | 84   | 18912    | 1.183 | ug/L   | 96       |
| 17) Methyl tert-butyl Ether   | 3.375  | 73   | 22457    | 0.834 | ug/L   | 100      |
| 18) trans-1,2-Dichloroethene  | 3.366  | 96   | 8777     | 0.812 | ug/L   | 96       |
| 19) 1,1-Dichloroethane        | 3.880  | 63   | 18198    | 0.858 | ug/L   | 98       |
| 21) 2-Butanone                | 4.732  | 43   | 22267    | 6.027 | ug/L # | 79       |
| 22) cis-1,2-Dichloroethene    | 4.677  | 96   | 9686     | 0.839 | ug/L   | 95       |
| 23) Bromochloromethane        | 4.983  | 128  | 4352     | 0.867 | ug/L   | 94       |
| 25) Chloroform                | 5.095  | 83   | 19770    | 0.897 | ug/L   | 98       |
| 27) 1,2-Dichloroethane        | 5.803  | 62   | 12782    | 0.887 | ug/L   | 98       |
| 29) 1,1,1-Trichloroethane     | 5.324  | 97   | 14332    | 0.815 | ug/L   | 99       |
| 30) Cyclohexane               | 5.398  | 56   | 15325    | 0.785 | ug/L   | 98       |
| 31) Carbon tetrachloride      | 5.533  | 117  | 11105    | 0.775 | ug/L   | 98       |
| 33) Benzene                   | 5.783  | 78   | 38156    | 0.799 | ug/L   | 100      |
| 34) Trichloroethene           | 6.549  | 95   | 9405     | 0.795 | ug/L   | 96       |
| 35) Methylcyclohexane         | 6.767  | 83   | 14577    | 0.744 | ug/L   | 97       |
| 37) 1,2-Dichloropropane       | 6.796  | 63   | 10596    | 0.844 | ug/L   | 98       |
| 38) Bromodichloromethane      | 7.115  | 83   | 12563    | 0.820 | ug/L   | 95       |
| 39) cis-1,3-Dichloropropene   | 7.616  | 75   | 14061    | 0.798 | ug/L   | 100      |
| 40) 4-Methyl-2-pentanone      | 7.803  | 43   | 76120    | 8.739 | ug/L   | 99       |
| 42) Toluene                   | 7.976  | 91   | 37990    | 0.761 | ug/L   | 99       |
| 44) trans-1,3-Dichloropropene | 8.217  | 75   | 11490    | 0.767 | ug/L   | 88       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU090921\  
 Data File : VU044610.D  
 Acq On : 09 Sep 2021 13:06  
 Operator : SY/MD  
 Sample : VSTD00122  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 3 Sample Multiplier: 1

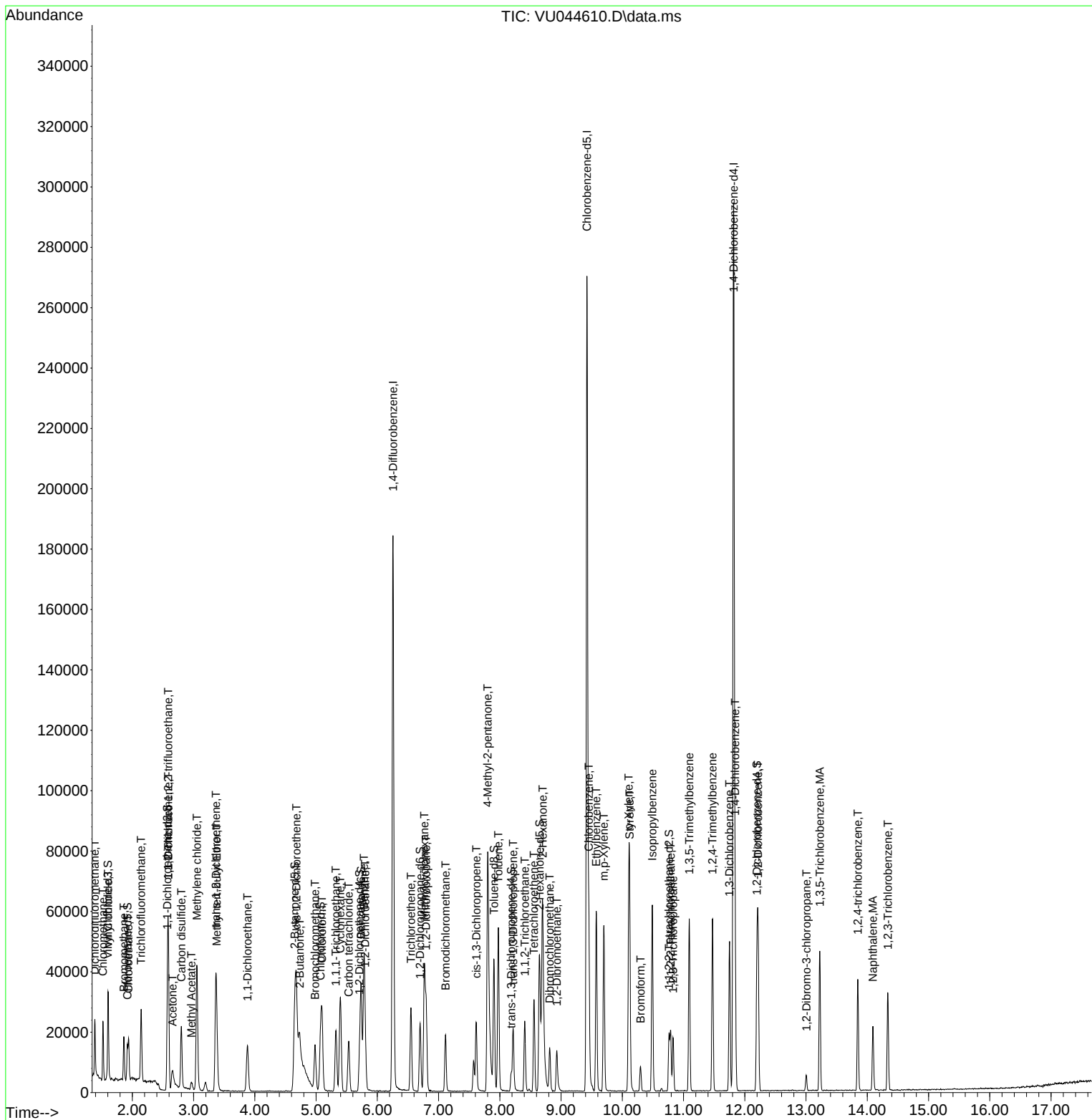
Instrument :  
 MSVOA\_U  
 ClientSampleId :

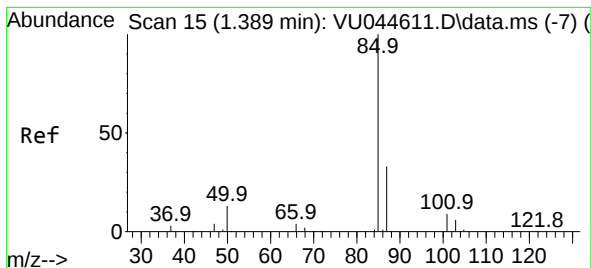
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR090921WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Sep 10 01:05:30 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-------|--------|----------|
| -----                         |        |      |          |       |        |          |
| 45) 1,1,2-Trichloroethane     | 8.407  | 97   | 7376     | 0.827 | ug/L   | 95       |
| 47) Tetrachloroethene         | 8.558  | 164  | 6311     | 0.769 | ug/L   | 89       |
| 48) 2-Hexanone                | 8.700  | 43   | 55427    | 8.830 | ug/L   | 96       |
| 49) Dibromochloromethane      | 8.816  | 129  | 7379     | 0.784 | ug/L   | 93       |
| 50) 1,2-Dibromoethane         | 8.931  | 107  | 6832     | 0.801 | ug/L   | 95       |
| 51) Chlorobenzene             | 9.452  | 112  | 24851    | 0.814 | ug/L   | 99       |
| 52) Ethylbenzene              | 9.574  | 91   | 41070    | 0.780 | ug/L   | 100      |
| 53) m,p-Xylene                | 9.700  | 106  | 15637    | 0.789 | ug/L   | 98       |
| 54) o-Xylene                  | 10.105 | 106  | 14790    | 0.771 | ug/L   | 98       |
| 55) Styrene                   | 10.121 | 104  | 24353    | 0.758 | ug/L   | 100      |
| 57) 1,1,2,2-Tetrachloroethane | 10.790 | 83   | 9983     | 0.851 | ug/L   | 98       |
| 59) Bromoform                 | 10.301 | 173  | 3893     | 0.783 | ug/L # | 98       |
| 60) Isopropylbenzene          | 10.491 | 105  | 38656    | 0.754 | ug/L   | 99       |
| 61) 1,2,3-Trichloropropane    | 10.828 | 75   | 7624     | 0.860 | ug/L   | 97       |
| 62) 1,3,5-Trimethylbenzene    | 11.092 | 105  | 30782    | 0.734 | ug/L   | 99       |
| 63) 1,2,4-Trimethylbenzene    | 11.475 | 105  | 31159    | 0.725 | ug/L   | 99       |
| 64) 1,3-Dichlorobenzene       | 11.751 | 146  | 18932    | 0.835 | ug/L   | 98       |
| 65) 1,4-Dichlorobenzene       | 11.841 | 146  | 19894    | 0.865 | ug/L   | 98       |
| 67) 1,2-Dichlorobenzene       | 12.217 | 146  | 17971    | 0.833 | ug/L   | 98       |
| 68) 1,2-Dibromo-3-chloropr... | 13.005 | 75   | 1499     | 0.815 | ug/L   | 88       |
| 69) 1,3,5-Trichlorobenzene    | 13.224 | 180  | 13688    | 0.847 | ug/L   | 96       |
| 70) 1,2,4-trichlorobenzene    | 13.844 | 180  | 10666    | 0.834 | ug/L   | 99       |
| 71) Naphthalene               | 14.092 | 128  | 17381    | 0.718 | ug/L   | 98       |
| 72) 1,2,3-Trichlorobenzene    | 14.336 | 180  | 9357     | 0.800 | ug/L   | 99       |
| -----                         |        |      |          |       |        |          |

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR090921WMA.M  
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QLast Update : Fri Sep 10 01:05:30 2021  
Response via : Initial Calibration

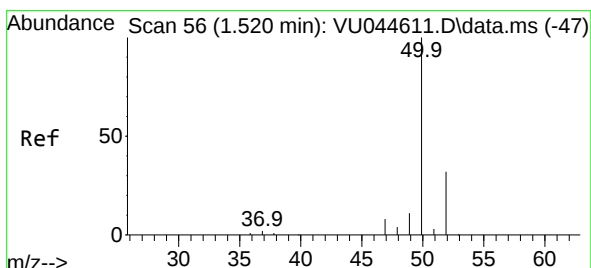
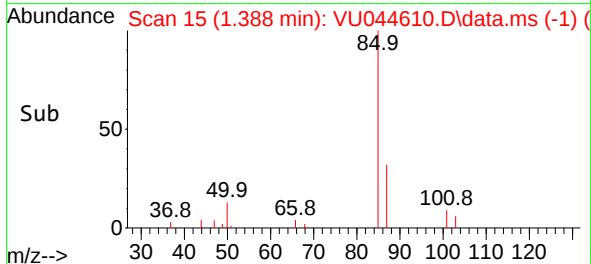
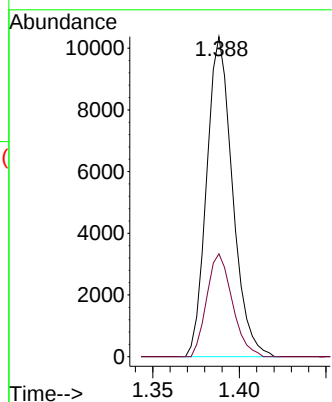
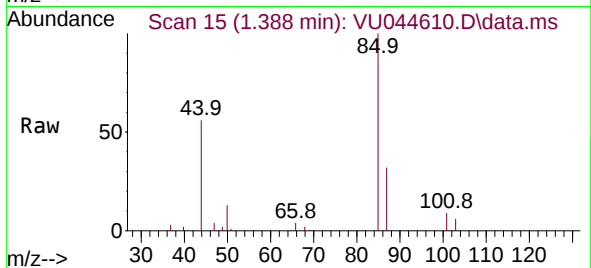




#2  
Dichlorodifluoromethane  
Concen: 0.789 ug/L  
RT: 1.388 min Scan# 15  
Delta R.T. -0.000 min  
Lab File: VU044610.D  
Acq: 09 Sep 2021 13:06

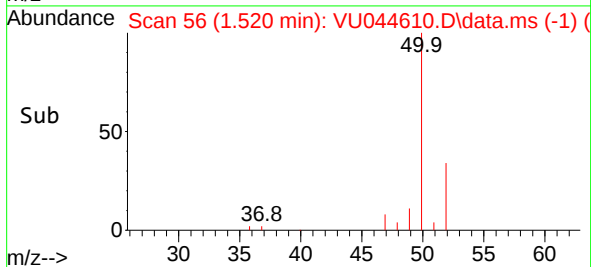
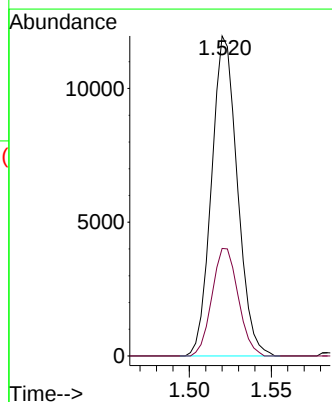
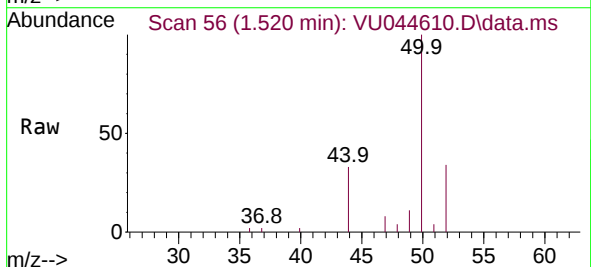
Instrument :  
MSVOA\_U  
ClientSampleId :

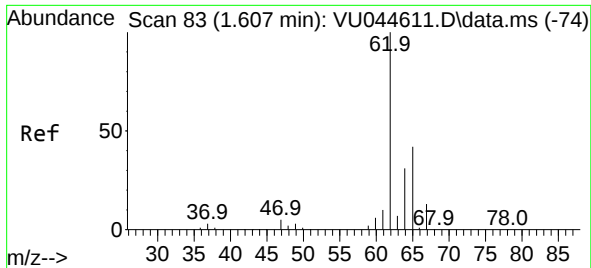
Tgt Ion: 85 Resp: 10737  
Ion Ratio Lower Upper  
85 100  
87 31.8 26.0 39.0



#3  
Chloromethane  
Concen: 0.739 ug/L  
RT: 1.520 min Scan# 56  
Delta R.T. -0.000 min  
Lab File: VU044610.D  
Acq: 09 Sep 2021 13:06

Tgt Ion: 50 Resp: 13088  
Ion Ratio Lower Upper  
50 100  
52 33.6 22.6 42.0

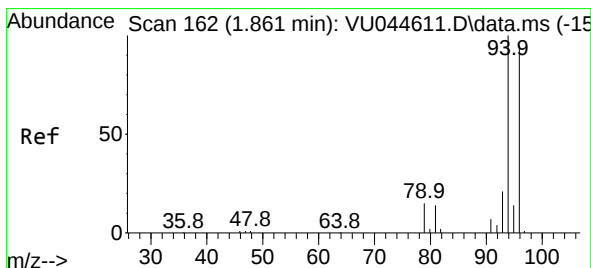
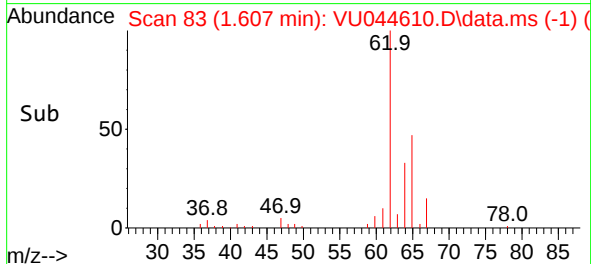
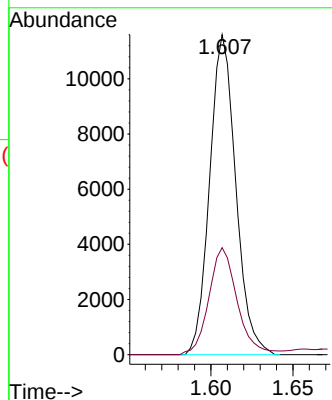
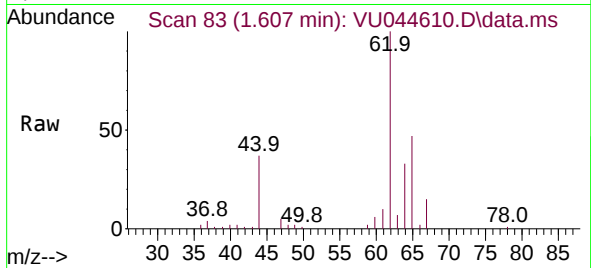




#5  
 Vinyl chloride  
 Concen: 0.775 ug/L  
 RT: 1.607 min Scan# 83  
 Delta R.T. -0.000 min  
 Lab File: VU044610.D  
 Acq: 09 Sep 2021 13:06

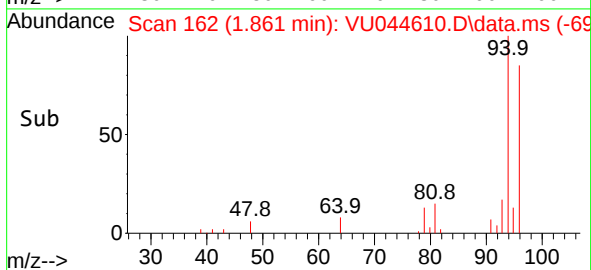
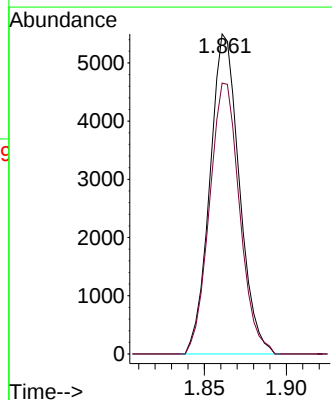
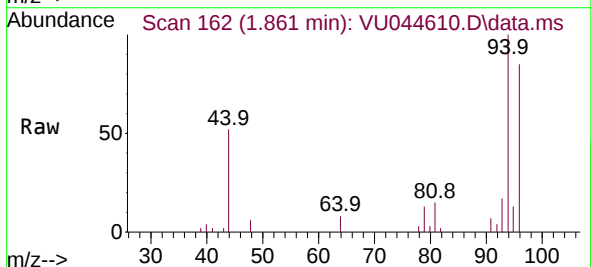
Instrument :  
 MSVOA\_U  
 ClientSampled :

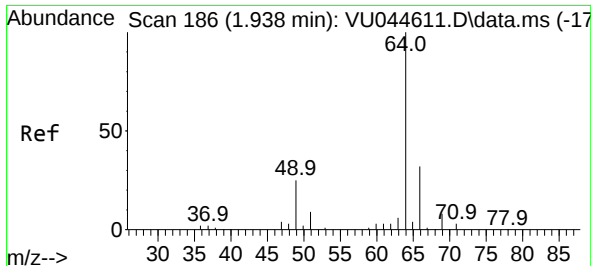
Tgt Ion: 62 Resp: 12815  
 Ion Ratio Lower Upper  
 62 100  
 64 33.4 22.0 40.8



#6  
 Bromomethane  
 Concen: 0.765 ug/L  
 RT: 1.861 min Scan# 162  
 Delta R.T. -0.000 min  
 Lab File: VU044610.D  
 Acq: 09 Sep 2021 13:06

Tgt Ion: 94 Resp: 6843  
 Ion Ratio Lower Upper  
 94 100  
 96 84.7 66.4 123.4

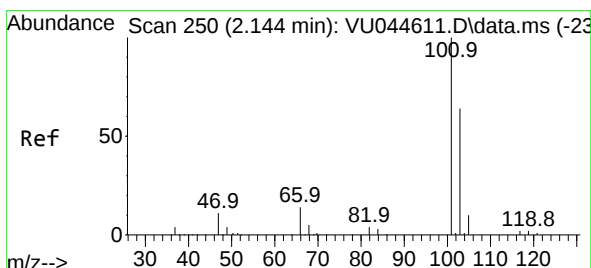
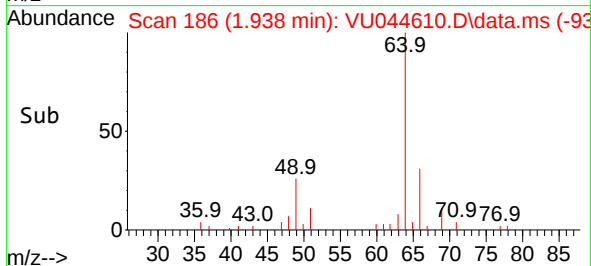
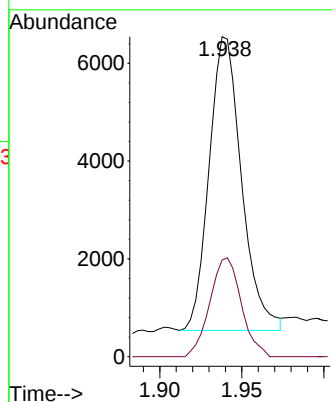
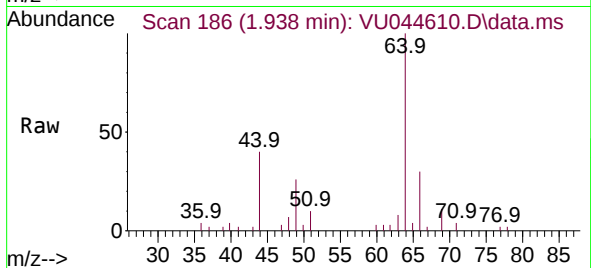




#8  
Chloroethane  
Concen: 0.806 ug/L  
RT: 1.938 min Scan# 186  
Delta R.T. -0.000 min  
Lab File: VU044610.D  
Acq: 09 Sep 2021 13:06

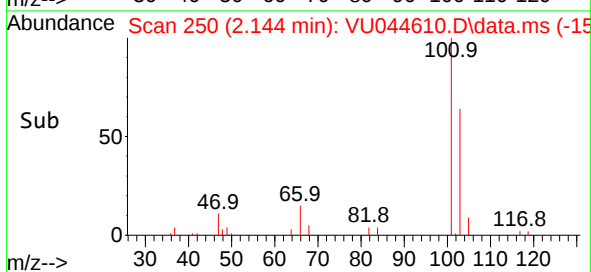
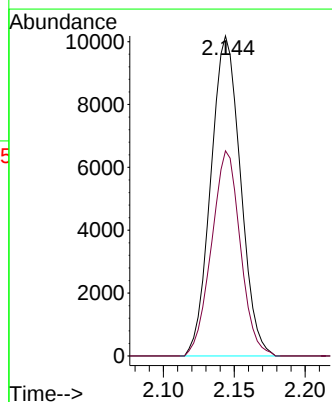
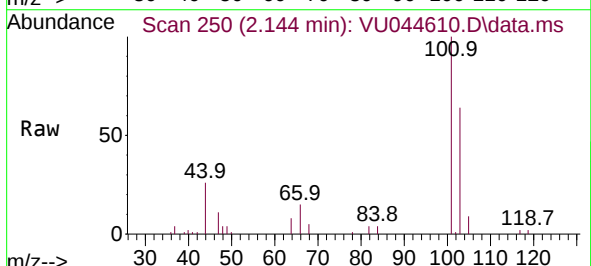
Instrument :  
MSVOA\_U  
ClientSampleId :

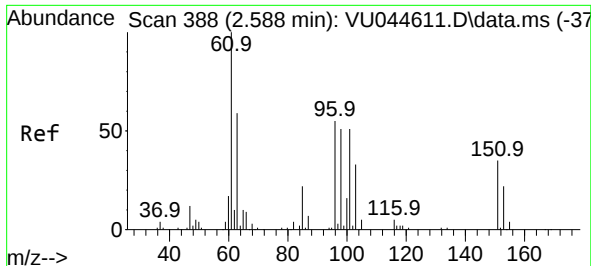
Tgt Ion: 64 Resp: 8248  
Ion Ratio Lower Upper  
64 100  
66 30.2 22.1 41.1



#9  
Trichlorofluoromethane  
Concen: 0.782 ug/L  
RT: 2.144 min Scan# 250  
Delta R.T. -0.000 min  
Lab File: VU044610.D  
Acq: 09 Sep 2021 13:06

Tgt Ion: 101 Resp: 14833  
Ion Ratio Lower Upper  
101 100  
103 62.3 51.2 76.8





#10

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

Concen: 0.831 ug/L

RT: 2.587 min Scan# 388

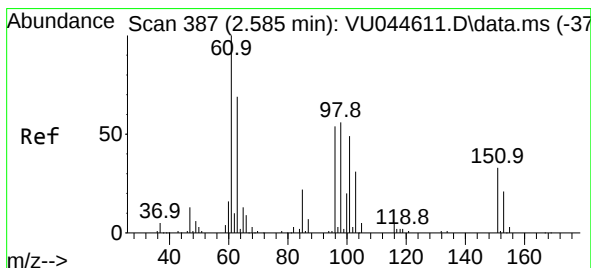
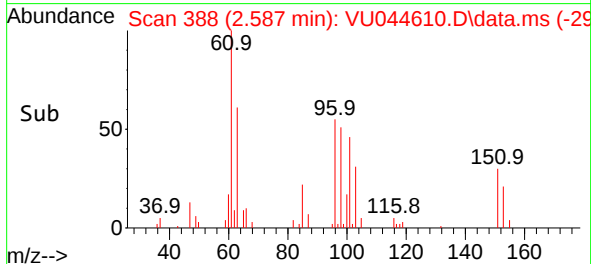
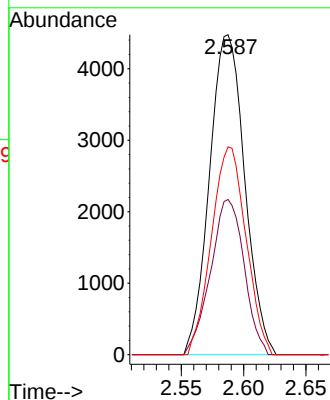
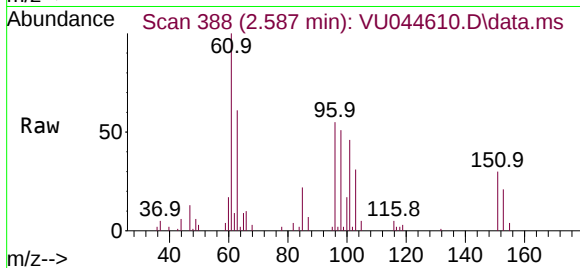
Delta R.T. -0.000 min

Lab File: VU044610.D

Acq: 09 Sep 2021 13:06

Instrument :  
MSVOA\_U  
ClientSampled :

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:101 | Resp: | 8794      |
| Ion Ratio   | Lower | Upper     |
| 101         | 100   |           |
| 85          | 46.2  | 35.4 53.2 |
| 151         | 63.8  | 53.9 80.9 |



#12

1,1-Dichloroethene

Concen: 0.812 ug/L

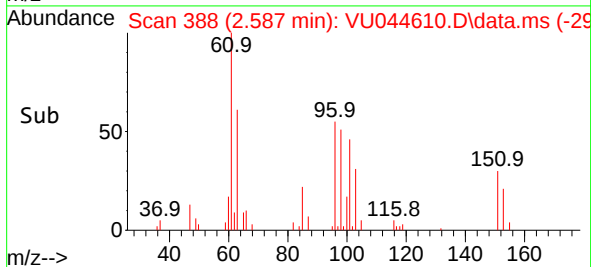
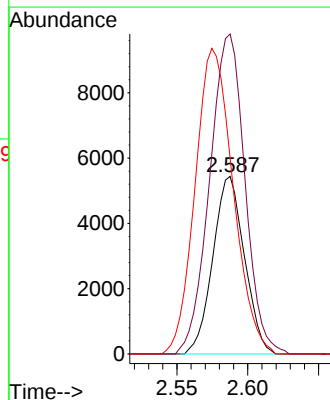
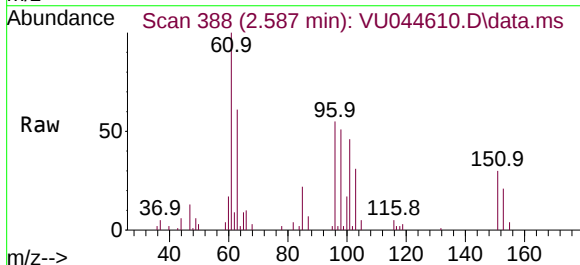
RT: 2.587 min Scan# 388

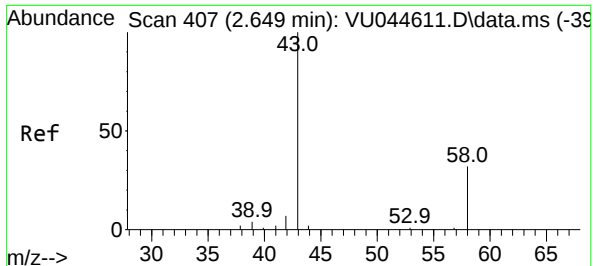
Delta R.T. 0.003 min

Lab File: VU044610.D

Acq: 09 Sep 2021 13:06

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion: 96 | Resp: | 8413        |
| Ion Ratio   | Lower | Upper       |
| 96          | 100   |             |
| 61          | 180.2 | 129.3 240.1 |
| 63          | 110.3 | 91.3 169.5  |

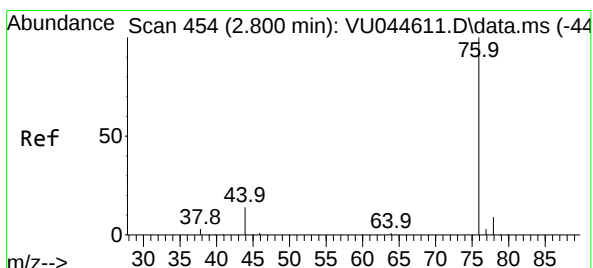
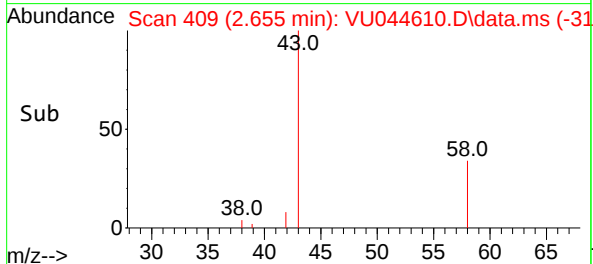
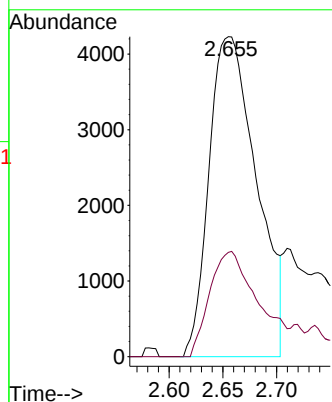
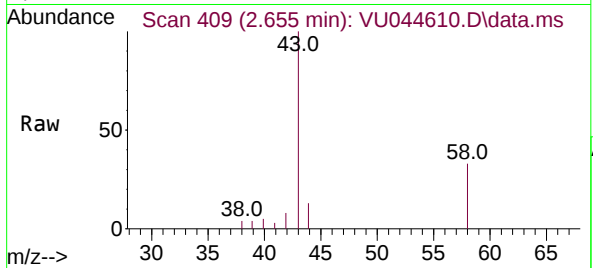




#13  
Acetone  
Concen: 5.105 ug/L  
RT: 2.655 min Scan# 409  
Delta R.T. 0.006 min  
Lab File: VU044610.D  
Acq: 09 Sep 2021 13:06

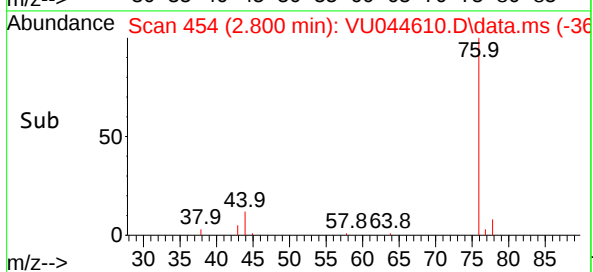
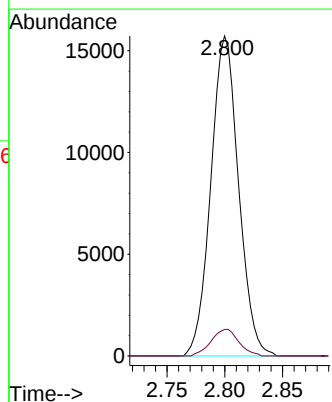
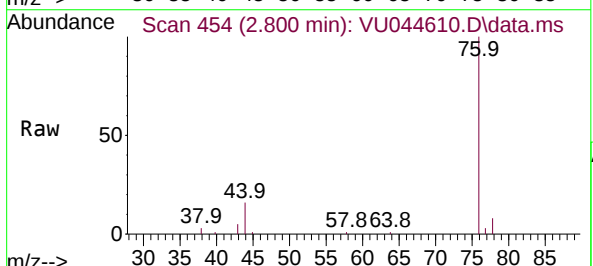
Instrument :  
MSVOA\_U  
ClientSampleId :

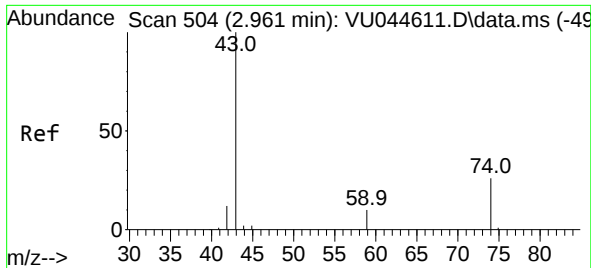
Tgt Ion: 43 Resp: 13033  
Ion Ratio Lower Upper  
43 100  
58 33.5 0.0 42.4



#14  
Carbon disulfide  
Concen: 0.788 ug/L  
RT: 2.800 min Scan# 454  
Delta R.T. -0.000 min  
Lab File: VU044610.D  
Acq: 09 Sep 2021 13:06

Tgt Ion: 76 Resp: 26244  
Ion Ratio Lower Upper  
76 100  
78 8.3 7.4 11.0

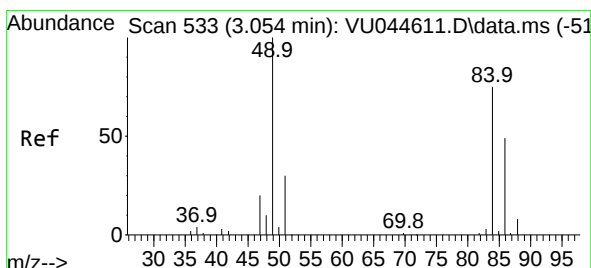
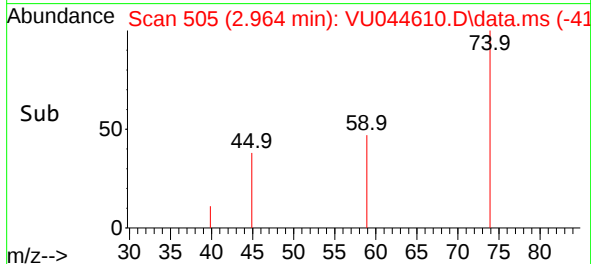
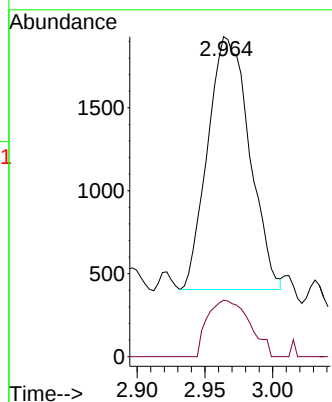
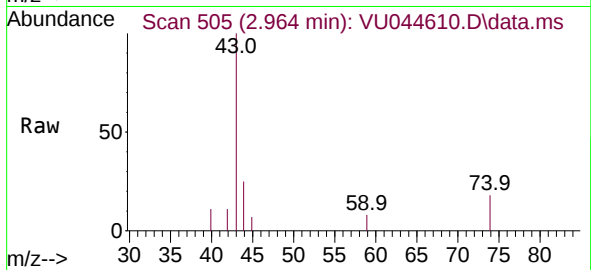




#15  
Methyl Acetate  
Concen: 0.810 ug/L  
RT: 2.964 min Scan# 505  
Delta R.T. 0.003 min  
Lab File: VU044610.D  
Acq: 09 Sep 2021 13:06

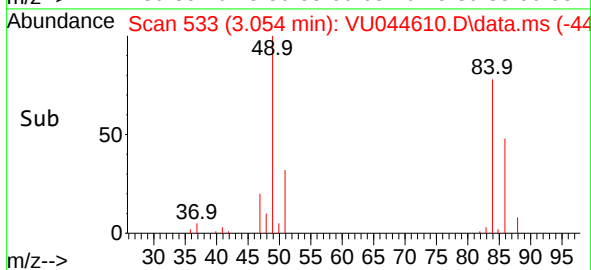
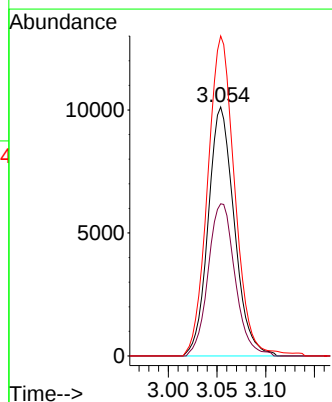
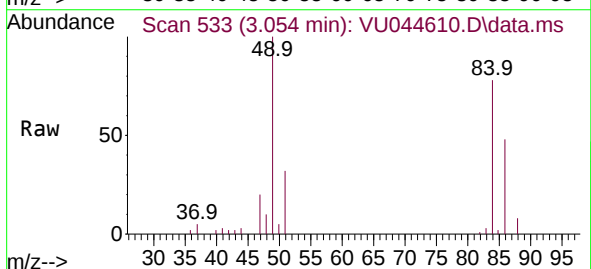
Instrument :  
MSVOA\_U  
ClientSampleId :

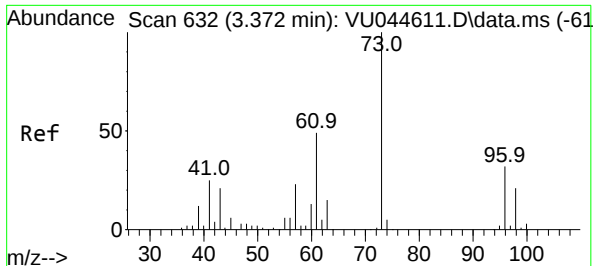
Tgt Ion: 43 Resp: 3261  
Ion Ratio Lower Upper  
43 100  
74 22.4 20.6 30.8



#16  
Methylene chloride  
Concen: 1.183 ug/L  
RT: 3.054 min Scan# 533  
Delta R.T. -0.000 min  
Lab File: VU044610.D  
Acq: 09 Sep 2021 13:06

Tgt Ion: 84 Resp: 18912  
Ion Ratio Lower Upper  
84 100  
86 61.1 45.8 85.2  
49 128.5 92.9 172.5



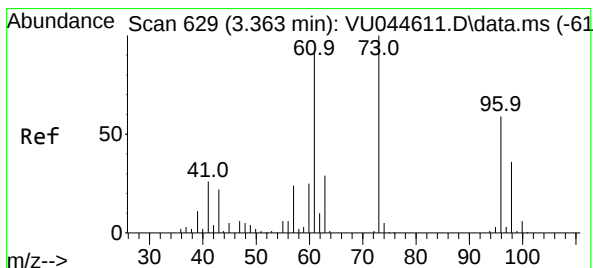
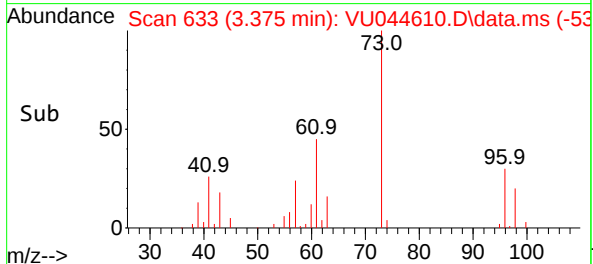
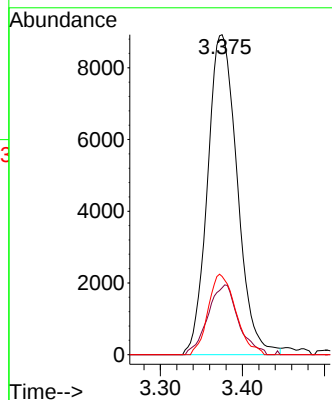
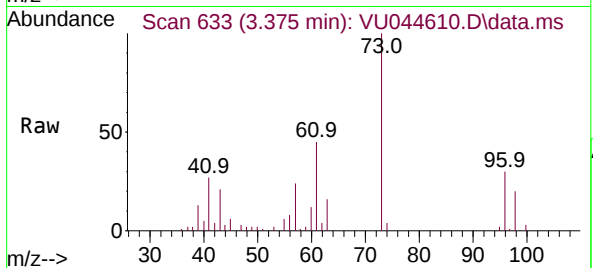


#17

Methyl tert-butyl Ether  
Concen: 0.834 ug/L  
RT: 3.375 min Scan# 633  
Delta R.T. 0.003 min  
Lab File: VU044610.D  
Acq: 09 Sep 2021 13:06

Instrument :  
MSVOA\_U  
ClientSampled :

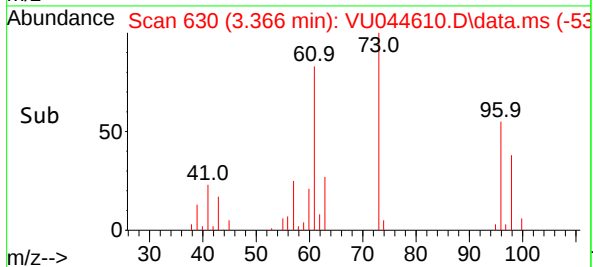
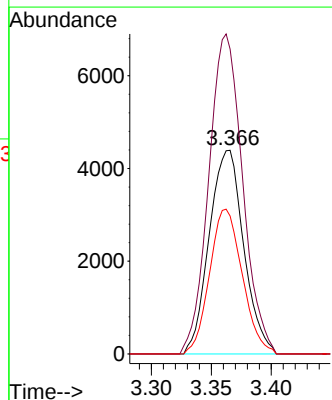
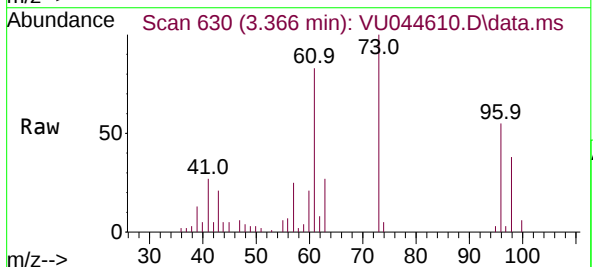
|             |             |
|-------------|-------------|
| Tgt Ion: 73 | Resp: 22457 |
| Ion Ratio   | Lower Upper |
| 73 100      |             |
| 43 22.3     | 17.8 26.6   |
| 57 23.3     | 18.6 27.8   |

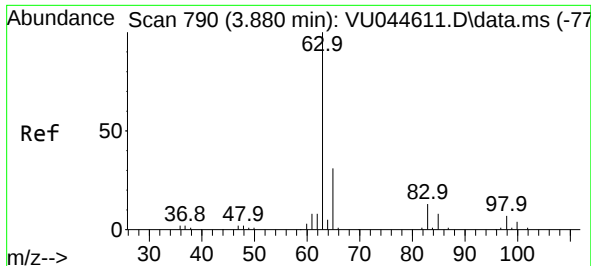


#18

trans-1,2-Dichloroethene  
Concen: 0.812 ug/L  
RT: 3.366 min Scan# 630  
Delta R.T. 0.003 min  
Lab File: VU044610.D  
Acq: 09 Sep 2021 13:06

|             |             |
|-------------|-------------|
| Tgt Ion: 96 | Resp: 8777  |
| Ion Ratio   | Lower Upper |
| 96 100      |             |
| 61 149.7    | 107.2 199.0 |
| 98 67.7     | 42.8 79.6   |





#19

1,1-Dichloroethane

Concen: 0.858 ug/L

RT: 3.880 min Scan# 790

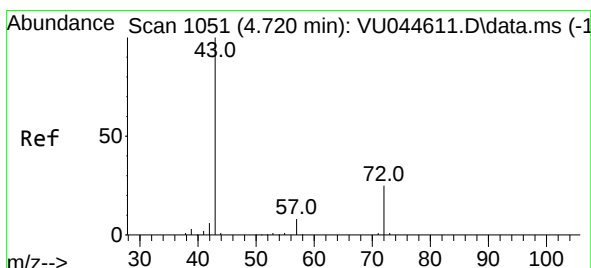
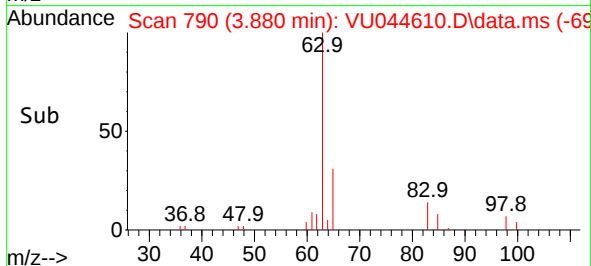
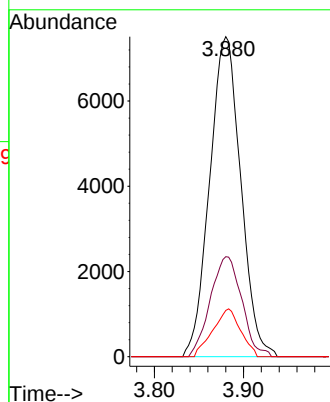
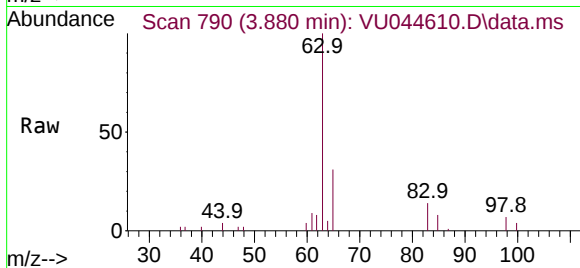
Delta R.T. -0.000 min

Lab File: VU044610.D

Acq: 09 Sep 2021 13:06

|             |             |
|-------------|-------------|
| Tgt Ion: 63 | Resp: 18198 |
| Ion Ratio   | Lower Upper |
| 63 100      |             |
| 65 31.3     | 21.8 40.6   |
| 83 14.5     | 8.8 16.3    |

Instrument :  
MSVOA\_U  
ClientSampled :



#21

2-Butanone

Concen: 6.027 ug/L

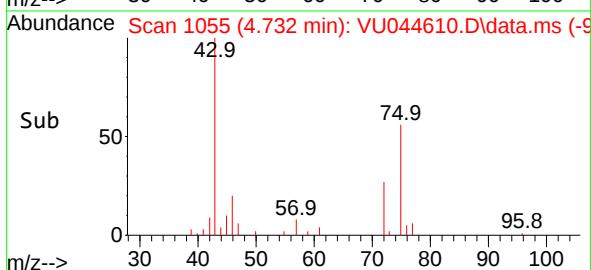
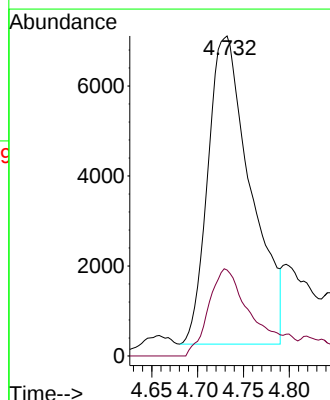
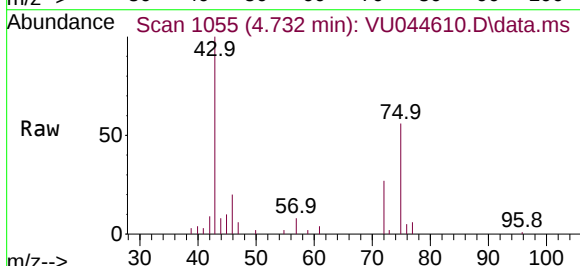
RT: 4.732 min Scan# 1055

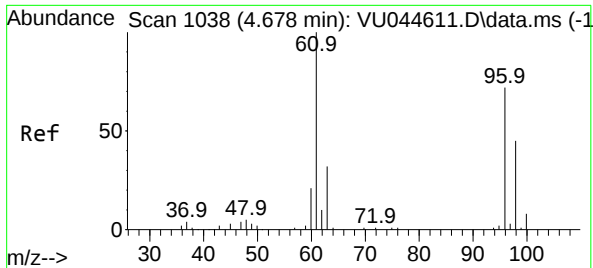
Delta R.T. 0.013 min

Lab File: VU044610.D

Acq: 09 Sep 2021 13:06

|             |             |
|-------------|-------------|
| Tgt Ion: 43 | Resp: 22267 |
| Ion Ratio   | Lower Upper |
| 43 100      |             |
| 72 27.8     | 9.2 27.4    |

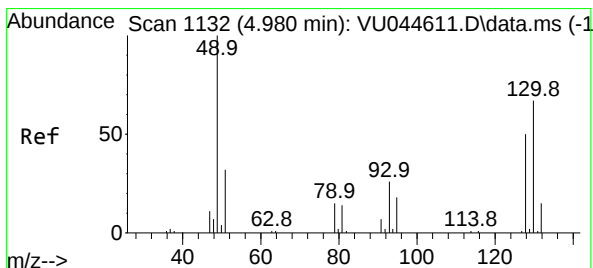
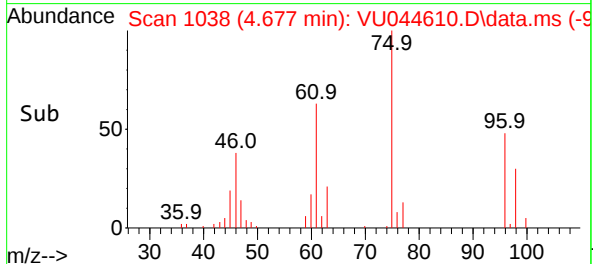
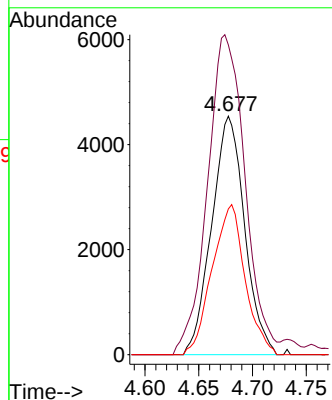
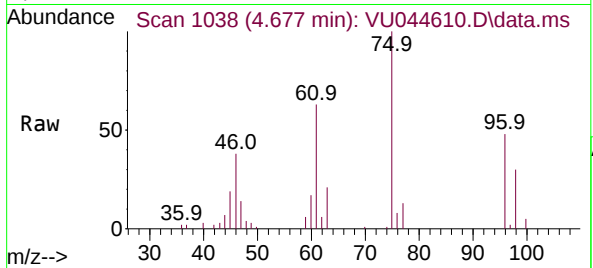




#22  
 cis-1,2-Dichloroethene  
 Concen: 0.839 ug/L  
 RT: 4.677 min Scan# 1038  
 Delta R.T. -0.000 min  
 Lab File: VU044610.D  
 Acq: 09 Sep 2021 13:06

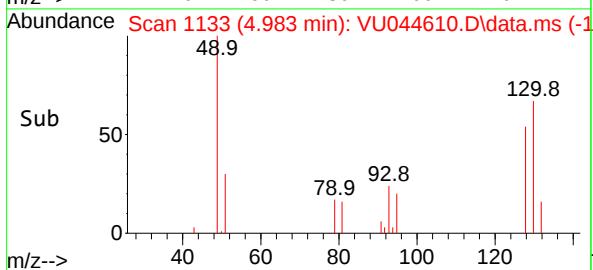
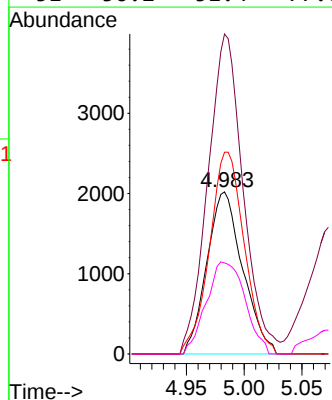
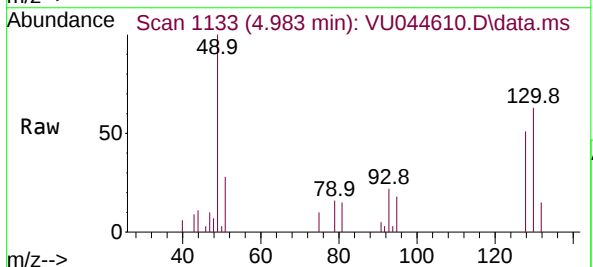
Instrument :  
 MSVOA\_U  
 ClientSampleId :

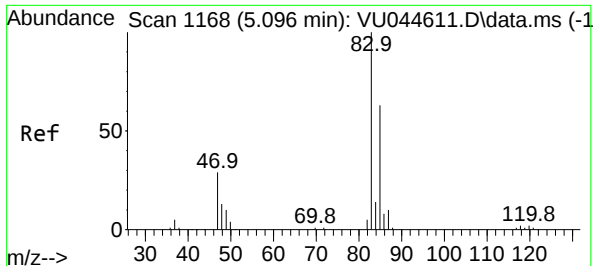
Tgt Ion: 96 Resp: 9686  
 Ion Ratio Lower Upper  
 96 100  
 61 129.9 96.9 179.9  
 98 61.1 43.5 80.7



#23  
 Bromochloromethane  
 Concen: 0.867 ug/L  
 RT: 4.983 min Scan# 1133  
 Delta R.T. 0.003 min  
 Lab File: VU044610.D  
 Acq: 09 Sep 2021 13:06

Tgt Ion:128 Resp: 4352  
 Ion Ratio Lower Upper  
 128 100  
 49 197.4 141.4 262.6  
 130 124.4 94.3 175.1  
 51 56.2 51.4 77.0





#25

Chloroform

Concen: 0.897 ug/L

RT: 5.095 min Scan# 1168

Delta R.T. -0.000 min

Lab File: VU044610.D

Acq: 09 Sep 2021 13:06

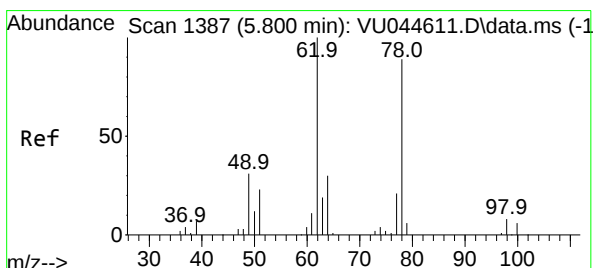
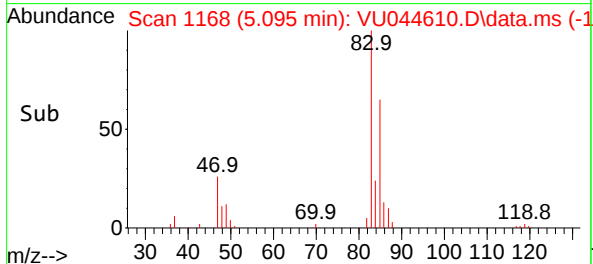
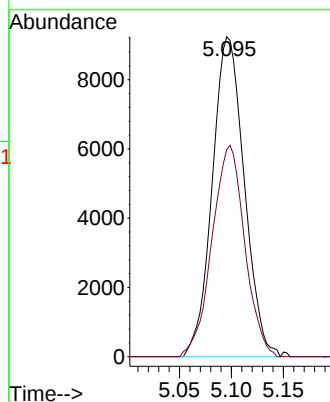
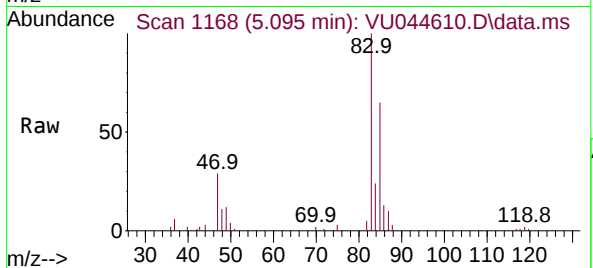
Instrument :  
MSVOA\_U  
ClientSampled :

Tgt Ion: 83 Resp: 19770

Ion Ratio Lower Upper

83 100

85 64.7 44.2 82.0



#27

1,2-Dichloroethane

Concen: 0.887 ug/L

RT: 5.803 min Scan# 1388

Delta R.T. 0.003 min

Lab File: VU044610.D

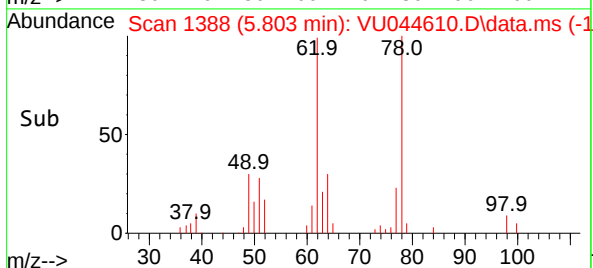
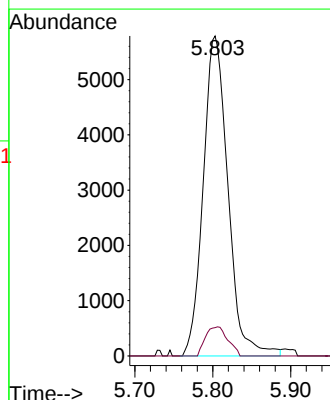
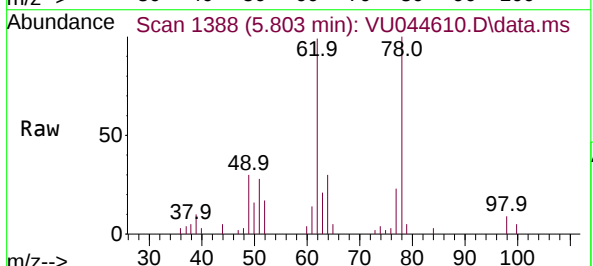
Acq: 09 Sep 2021 13:06

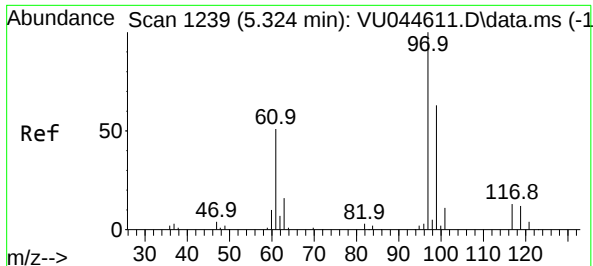
Tgt Ion: 62 Resp: 12782

Ion Ratio Lower Upper

62 100

98 8.8 6.6 10.0





#29

1,1,1-Trichloroethane

Concen: 0.815 ug/L

RT: 5.324 min Scan# 1239

Delta R.T. -0.000 min

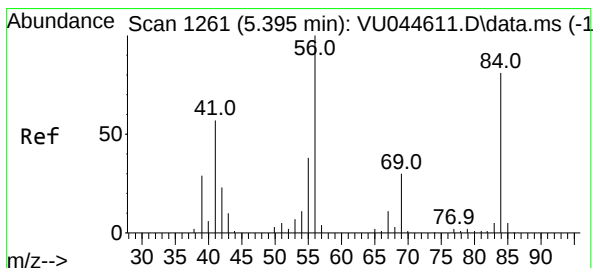
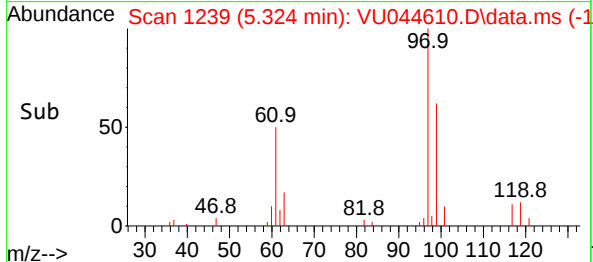
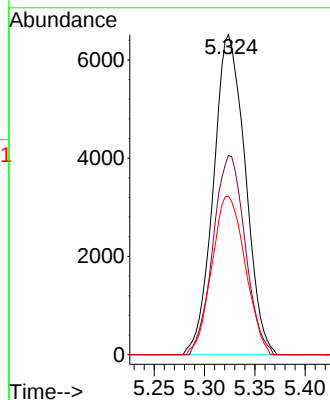
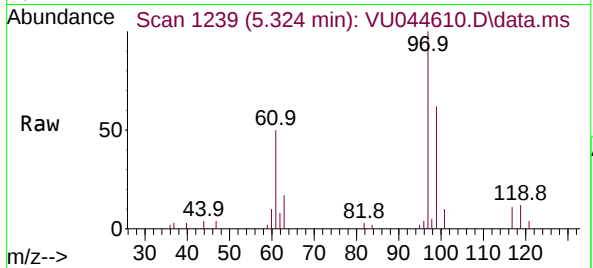
Lab File: VU044610.D

Acq: 09 Sep 2021 13:06

Tgt Ion: 97 Resp: 14332

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 99  | 62.4  | 50.7  | 76.1  |
| 61  | 51.8  | 40.6  | 60.8  |

Instrument :  
MSVOA\_U  
ClientSampled :



#30

Cyclohexane

Concen: 0.785 ug/L

RT: 5.398 min Scan# 1262

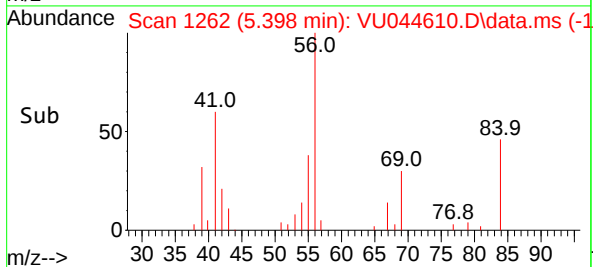
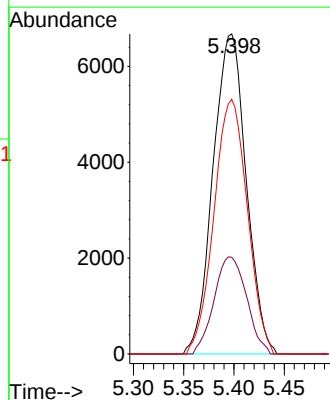
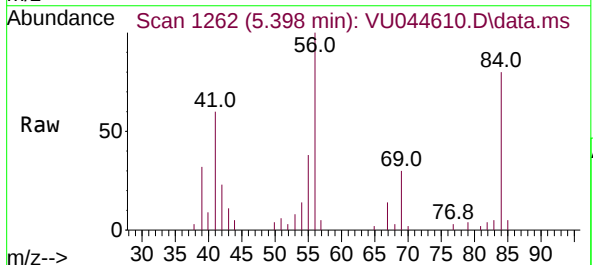
Delta R.T. 0.003 min

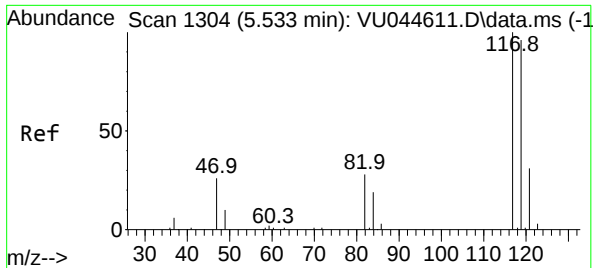
Lab File: VU044610.D

Acq: 09 Sep 2021 13:06

Tgt Ion: 56 Resp: 15325

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 56  | 100   |       |       |
| 69  | 29.7  | 23.4  | 35.2  |
| 84  | 80.2  | 65.5  | 98.3  |

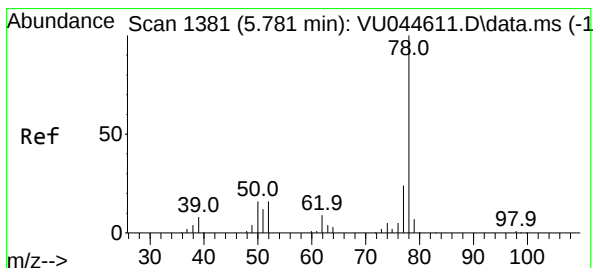
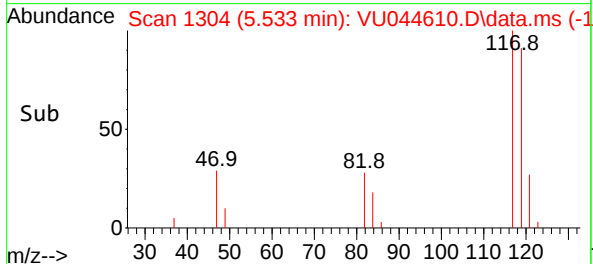
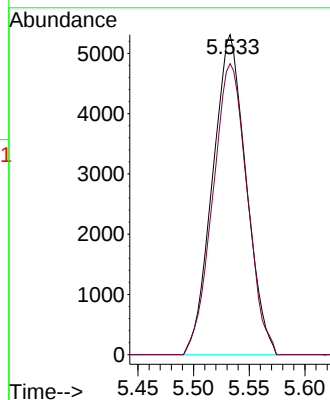
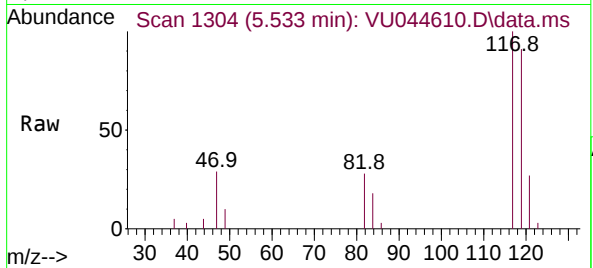




#31  
Carbon tetrachloride  
Concen: 0.775 ug/L  
RT: 5.533 min Scan# 1304  
Delta R.T. -0.000 min  
Lab File: VU044610.D  
Acq: 09 Sep 2021 13:06

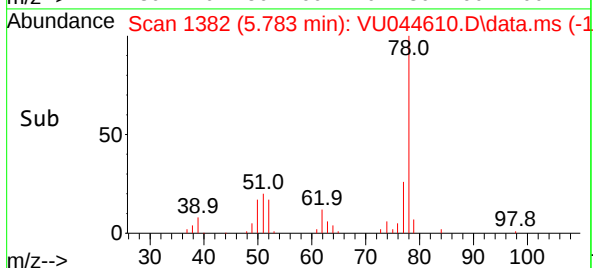
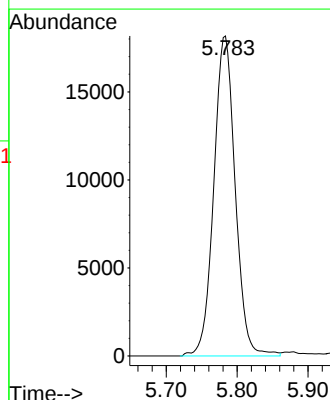
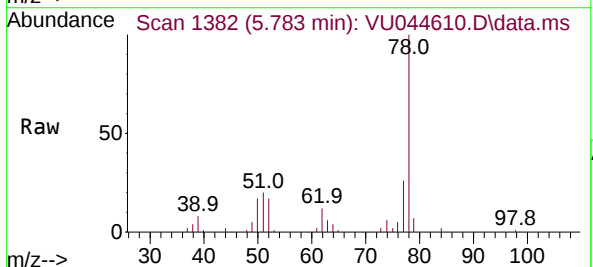
Instrument :  
MSVOA\_U  
ClientSampled :

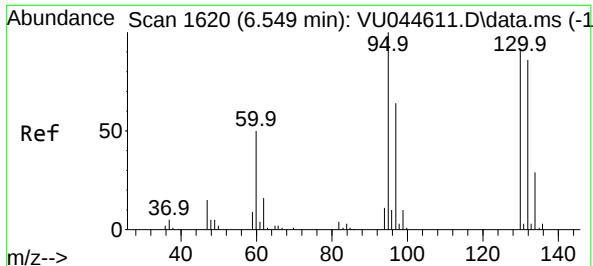
Tgt Ion:117 Resp: 11105  
Ion Ratio Lower Upper  
117 100  
119 93.3 76.4 114.6



#33  
Benzene  
Concen: 0.799 ug/L  
RT: 5.783 min Scan# 1382  
Delta R.T. 0.003 min  
Lab File: VU044610.D  
Acq: 09 Sep 2021 13:06

Tgt Ion: 78 Resp: 38156

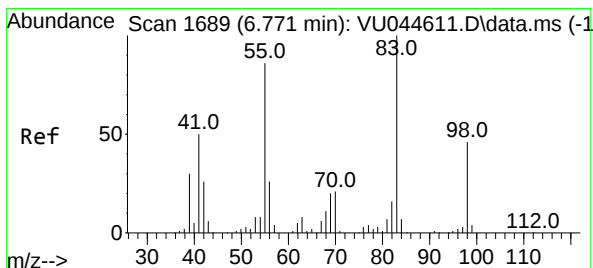
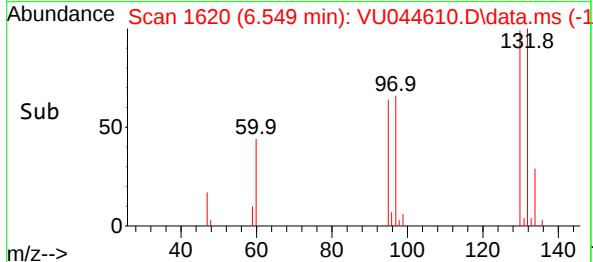
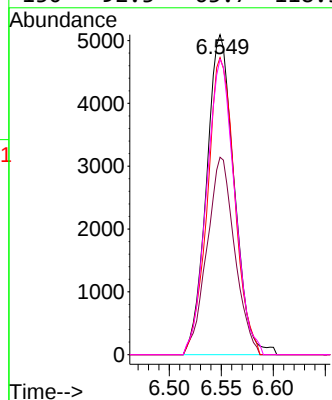
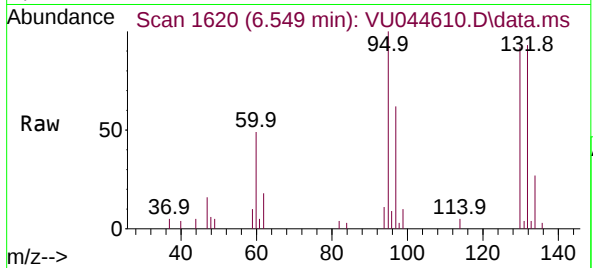




#34  
Trichloroethene  
Concen: 0.795 ug/L  
RT: 6.549 min Scan# 1620  
Delta R.T. -0.000 min  
Lab File: VU044610.D  
Acq: 09 Sep 2021 13:06

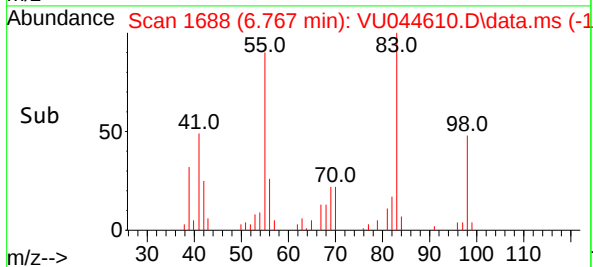
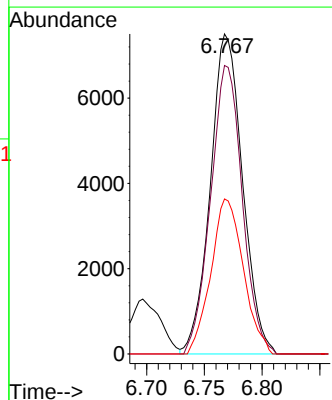
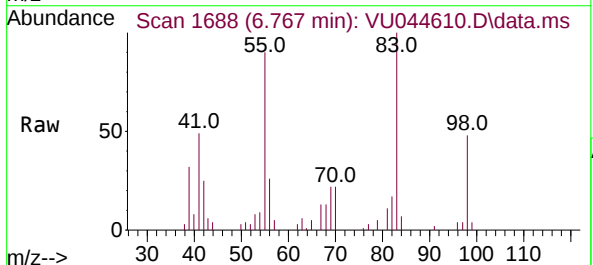
Instrument :  
MSVOA\_U  
ClientSampleId :

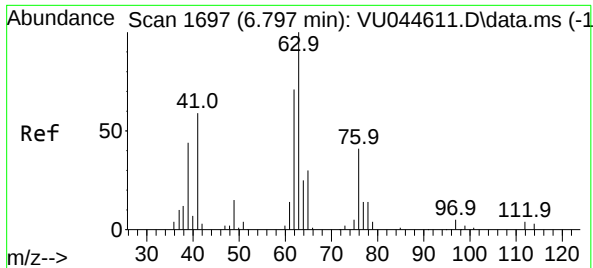
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 95    | Resp: | 9405  |
| Ion      | Ratio | Lower | Upper |
| 95       | 100   |       |       |
| 97       | 61.7  | 44.7  | 82.9  |
| 132      | 92.9  | 60.3  | 111.9 |
| 130      | 92.3  | 63.7  | 118.3 |



#35  
Methylcyclohexane  
Concen: 0.744 ug/L  
RT: 6.767 min Scan# 1688  
Delta R.T. -0.004 min  
Lab File: VU044610.D  
Acq: 09 Sep 2021 13:06

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 14577 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 55       | 88.6  | 68.3  | 102.5 |
| 98       | 48.8  | 37.3  | 55.9  |

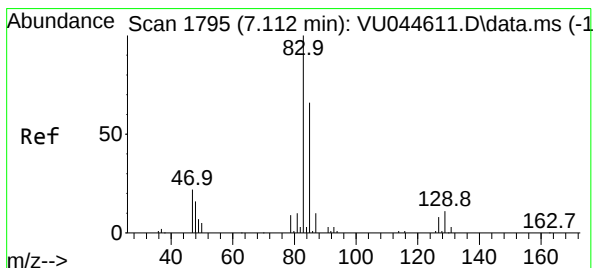
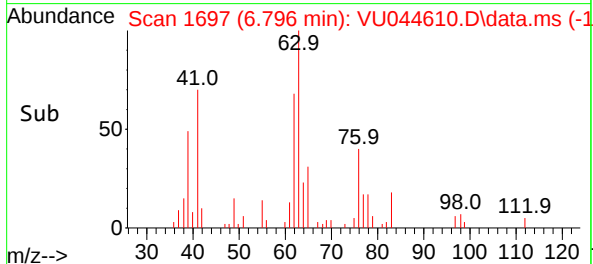
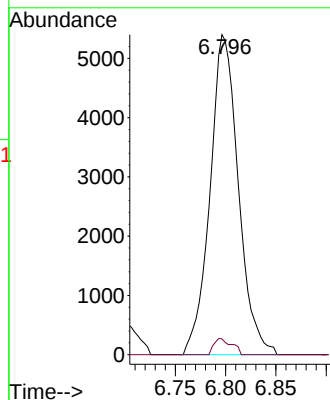
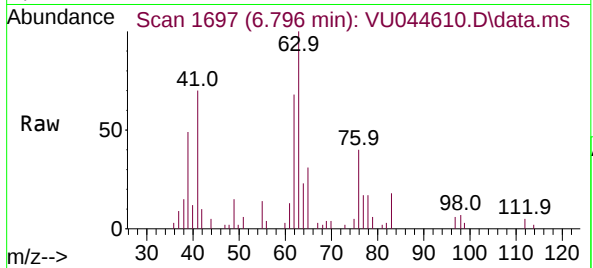




#37  
1,2-Dichloropropane  
Concen: 0.844 ug/L  
RT: 6.796 min Scan# 1697  
Delta R.T. -0.000 min  
Lab File: VU044610.D  
Acq: 09 Sep 2021 13:06

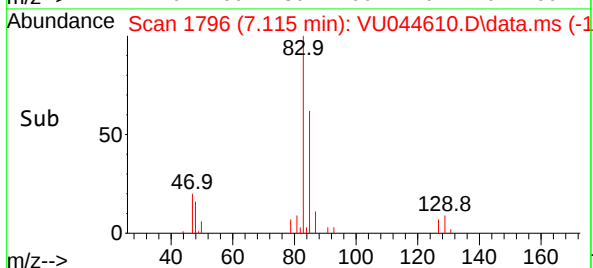
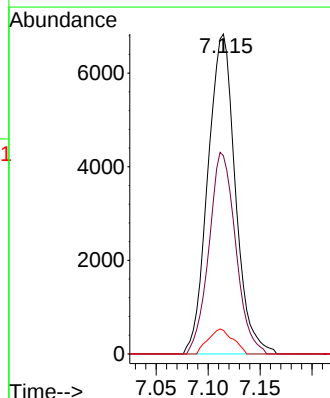
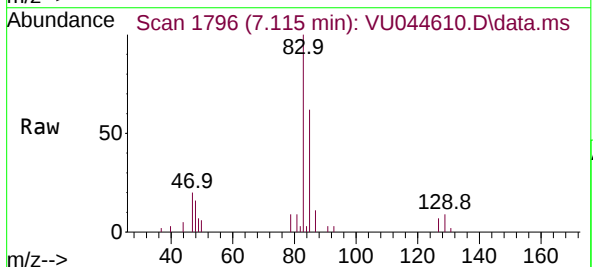
Instrument :  
MSVOA\_U  
ClientSampleId :

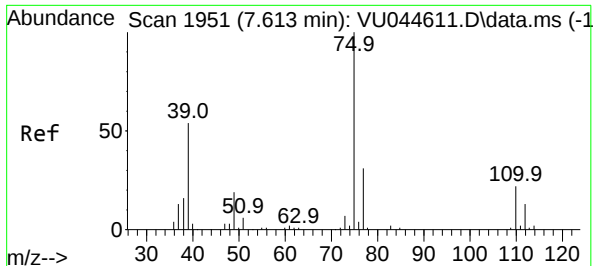
Tgt Ion: 63 Resp: 10596  
Ion Ratio Lower Upper  
63 100  
112 3.2 3.1 4.7



#38  
Bromodichloromethane  
Concen: 0.820 ug/L  
RT: 7.115 min Scan# 1796  
Delta R.T. 0.003 min  
Lab File: VU044610.D  
Acq: 09 Sep 2021 13:06

Tgt Ion: 83 Resp: 12563  
Ion Ratio Lower Upper  
83 100  
85 62.0 46.3 86.1  
127 7.4 6.0 9.0



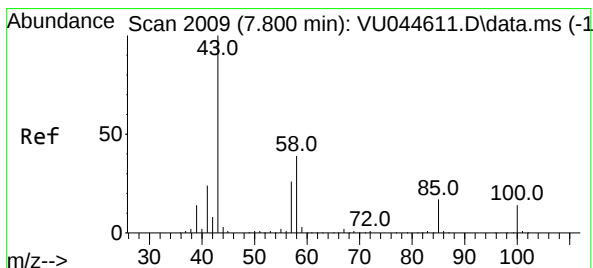
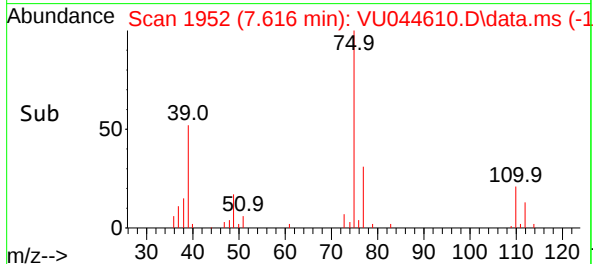
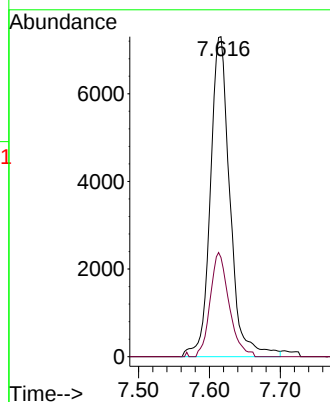
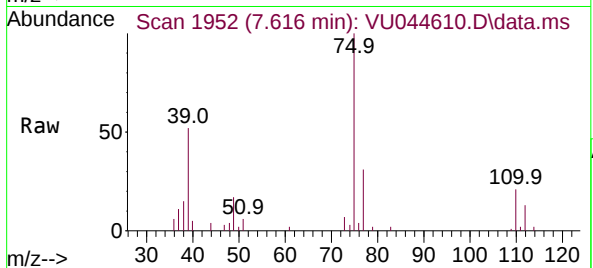


#39

cis-1,3-Dichloropropene  
Concen: 0.798 ug/L  
RT: 7.616 min Scan# 1952  
Delta R.T. 0.003 min  
Lab File: VU044610.D  
Acq: 09 Sep 2021 13:06

Instrument :  
MSVOA\_U  
ClientSampleId :

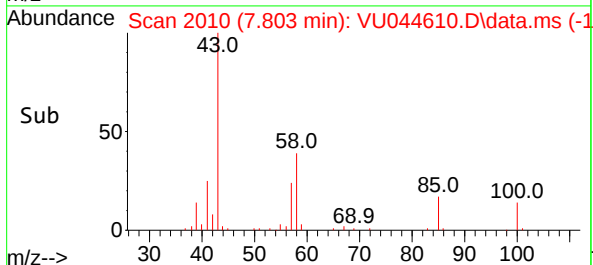
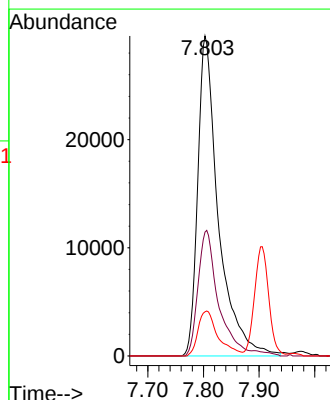
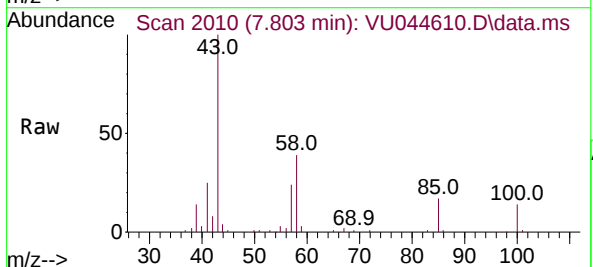
Tgt Ion: 75 Resp: 14061  
Ion Ratio Lower Upper  
75 100  
77 30.9 21.5 39.9

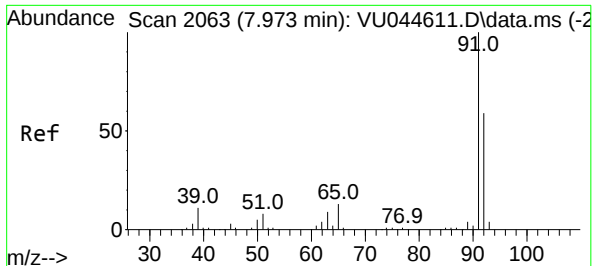


#40

4-Methyl-2-pentanone  
Concen: 8.739 ug/L  
RT: 7.803 min Scan# 2010  
Delta R.T. 0.003 min  
Lab File: VU044610.D  
Acq: 09 Sep 2021 13:06

Tgt Ion: 43 Resp: 76120  
Ion Ratio Lower Upper  
43 100  
58 38.5 31.2 46.8  
100 13.7 11.4 17.0

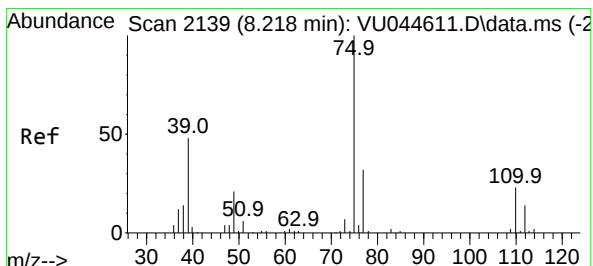
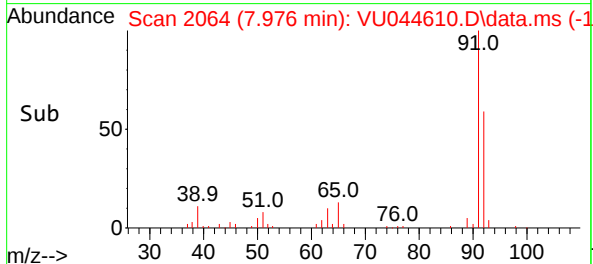
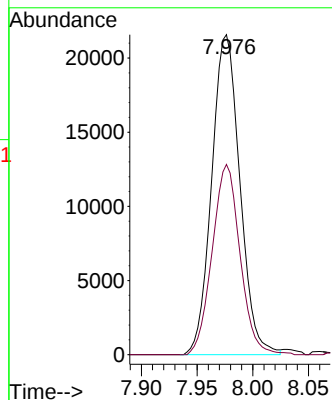
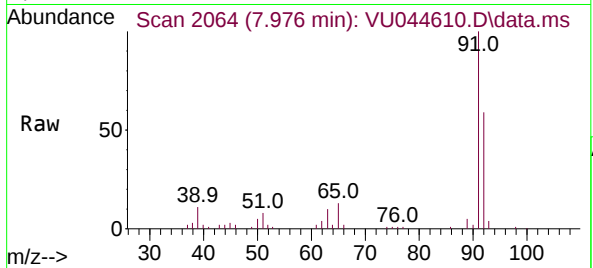




#42  
Toluene  
Concen: 0.761 ug/L  
RT: 7.976 min Scan# 2064  
Delta R.T. 0.003 min  
Lab File: VU044610.D  
Acq: 09 Sep 2021 13:06

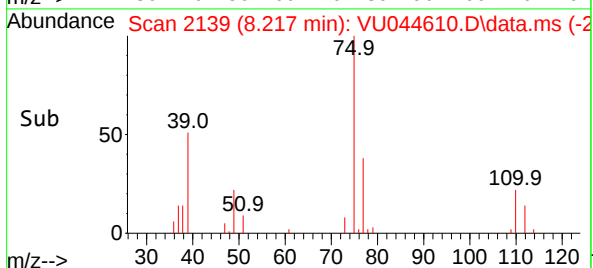
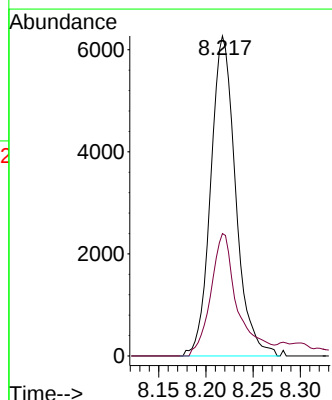
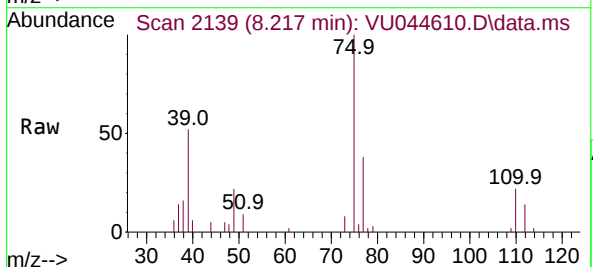
Instrument :  
MSVOA\_U  
ClientSampled :

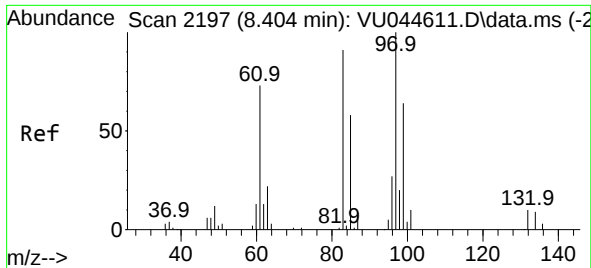
Tgt Ion: 91 Resp: 37990  
Ion Ratio Lower Upper  
91 100  
92 59.4 41.1 76.3



#44  
trans-1,3-Dichloropropene  
Concen: 0.767 ug/L  
RT: 8.217 min Scan# 2139  
Delta R.T. -0.000 min  
Lab File: VU044610.D  
Acq: 09 Sep 2021 13:06

Tgt Ion: 75 Resp: 11490  
Ion Ratio Lower Upper  
75 100  
77 38.3 22.0 41.0

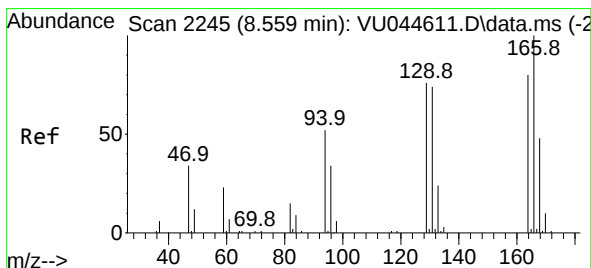
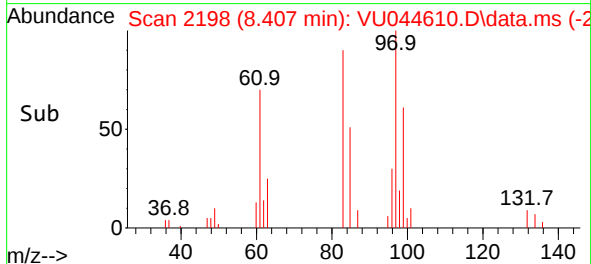
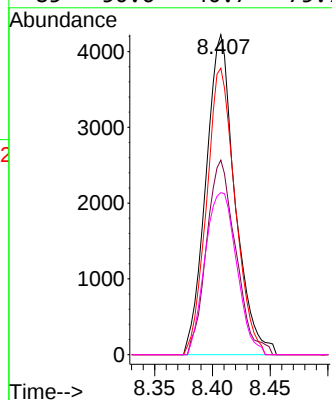
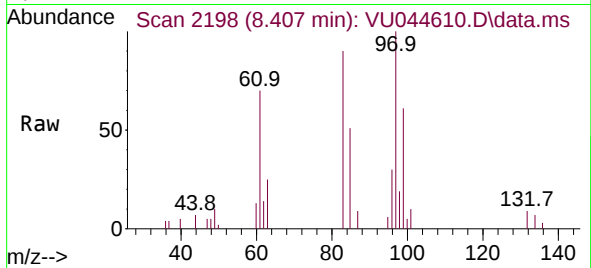




#45  
1,1,2-Trichloroethane  
Concen: 0.827 ug/L  
RT: 8.407 min Scan# 2198  
Delta R.T. 0.003 min  
Lab File: VU044610.D  
Acq: 09 Sep 2021 13:06

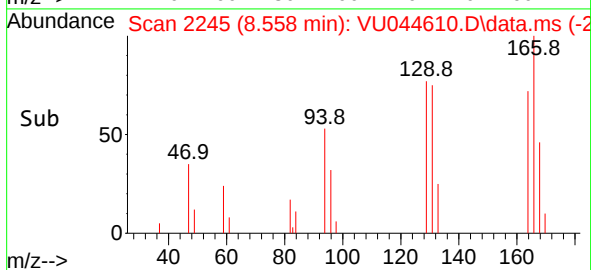
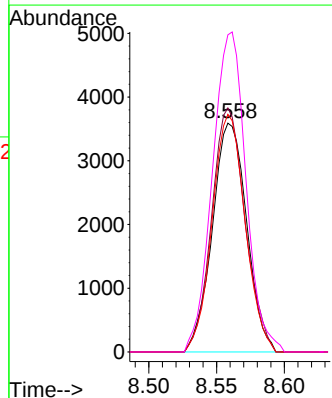
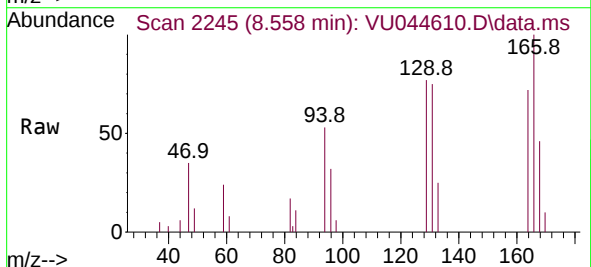
Instrument :  
MSVOA\_U  
ClientSampleId :

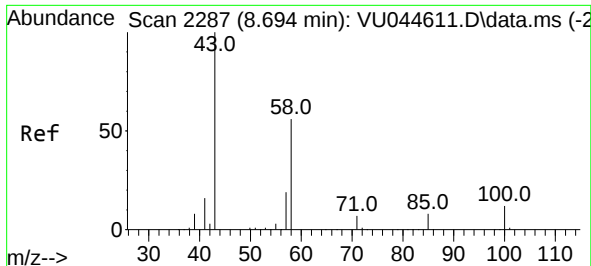
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 7376  |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 99       | 60.8  | 44.8  | 83.2  |
| 83       | 89.5  | 63.6  | 118.0 |
| 85       | 50.6  | 40.7  | 75.7  |



#47  
Tetrachloroethene  
Concen: 0.769 ug/L  
RT: 8.558 min Scan# 2245  
Delta R.T. -0.000 min  
Lab File: VU044610.D  
Acq: 09 Sep 2021 13:06

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 164   | Resp: | 6311  |
| Ion      | Ratio | Lower | Upper |
| 164      | 100   |       |       |
| 129      | 106.6 | 67.0  | 124.4 |
| 131      | 103.8 | 65.2  | 121.0 |
| 166      | 138.6 | 87.6  | 162.8 |

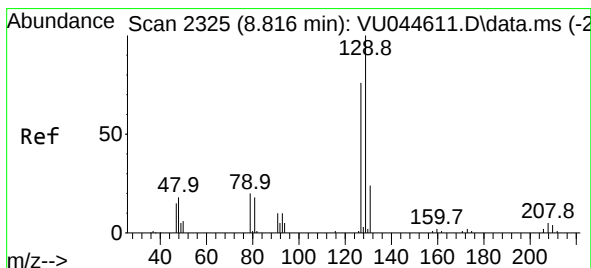
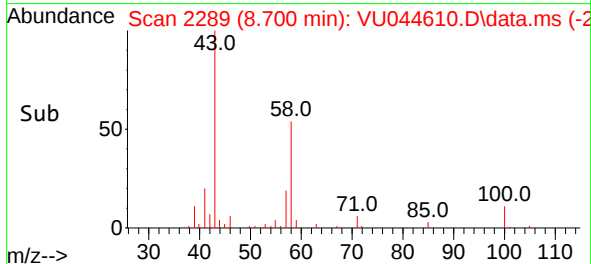
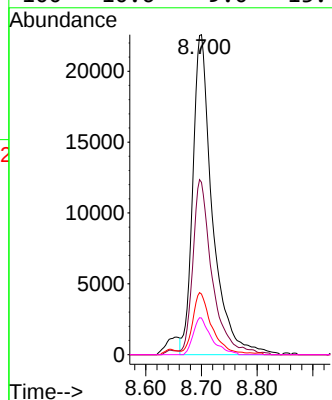
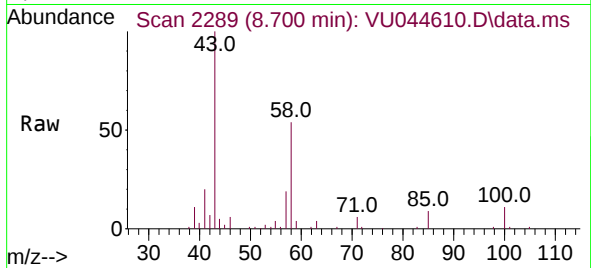




#48  
2-Hexanone  
Concen: 8.830 ug/L  
RT: 8.700 min Scan# 2289  
Delta R.T. 0.006 min  
Lab File: VU044610.D  
Acq: 09 Sep 2021 13:06

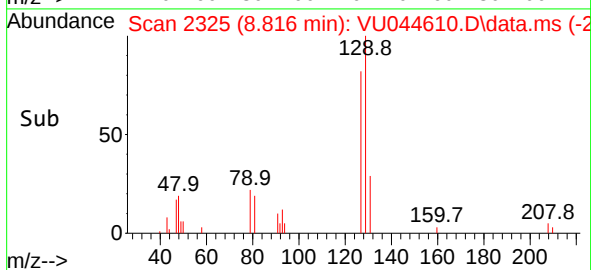
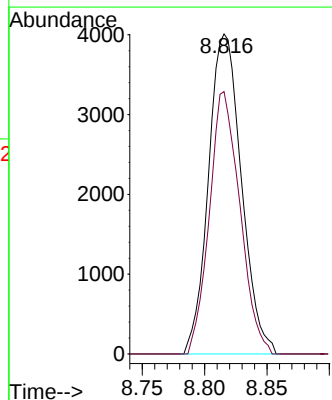
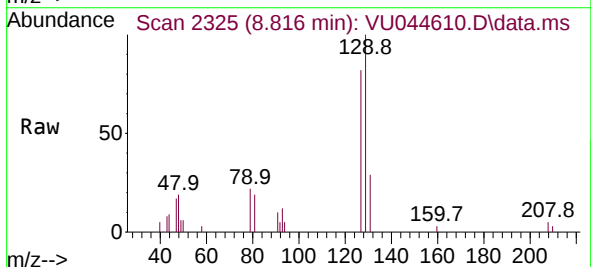
Instrument :  
MSVOA\_U  
ClientSampleId :

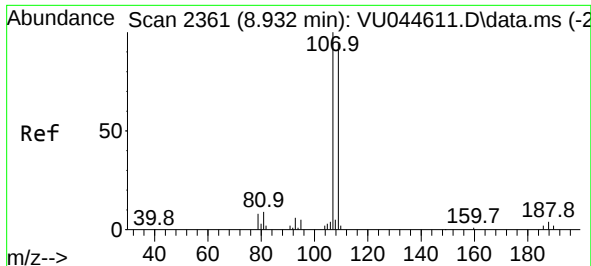
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 55427 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 52.2  | 44.6  | 66.8  |
| 57       | 17.8  | 14.8  | 22.2  |
| 100      | 10.6  | 9.0   | 13.4  |



#49  
Dibromochloromethane  
Concen: 0.784 ug/L  
RT: 8.816 min Scan# 2325  
Delta R.T. -0.000 min  
Lab File: VU044610.D  
Acq: 09 Sep 2021 13:06

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 129   | Resp: | 7379  |
| Ion      | Ratio | Lower | Upper |
| 129      | 100   |       |       |
| 127      | 82.0  | 53.3  | 99.1  |





#50

1,2-Dibromoethane

Concen: 0.801 ug/L

RT: 8.931 min Scan# 2361

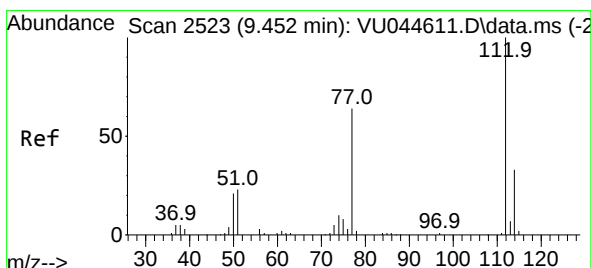
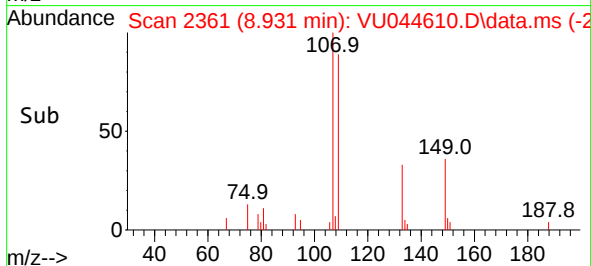
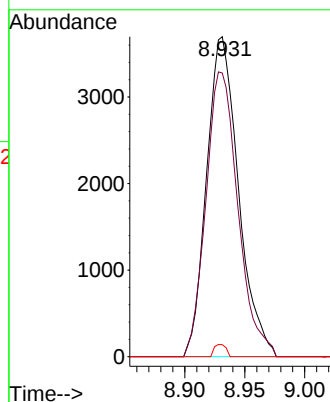
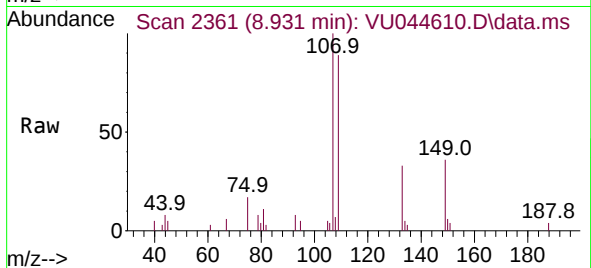
Delta R.T. -0.000 min

Lab File: VU044610.D

Acq: 09 Sep 2021 13:06

Instrument :  
MSVOA\_U  
ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 6832  |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 109      | 88.7  | 65.5  | 121.7 |
| 188      | 3.7   | 3.0   | 4.4   |



#51

Chlorobenzene

Concen: 0.814 ug/L

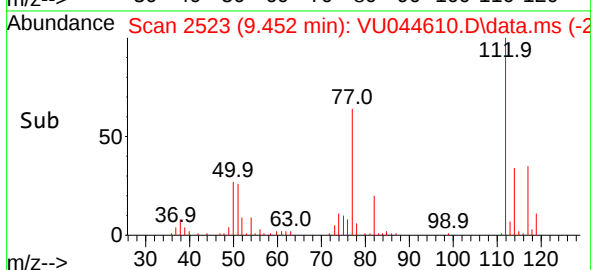
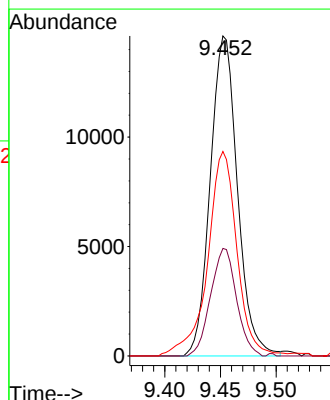
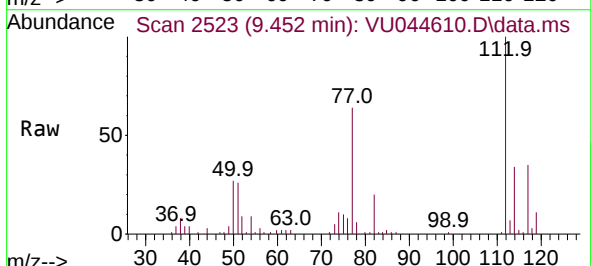
RT: 9.452 min Scan# 2523

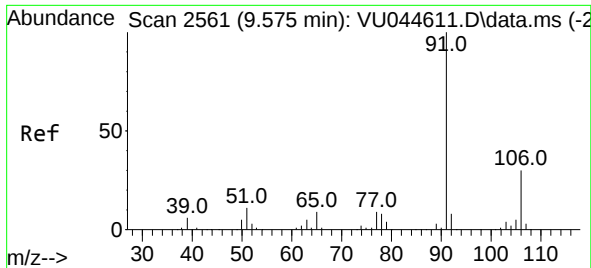
Delta R.T. -0.000 min

Lab File: VU044610.D

Acq: 09 Sep 2021 13:06

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 112   | Resp: | 24851 |
| Ion      | Ratio | Lower | Upper |
| 112      | 100   |       |       |
| 114      | 33.6  | 22.8  | 42.4  |
| 77       | 63.9  | 51.4  | 77.0  |

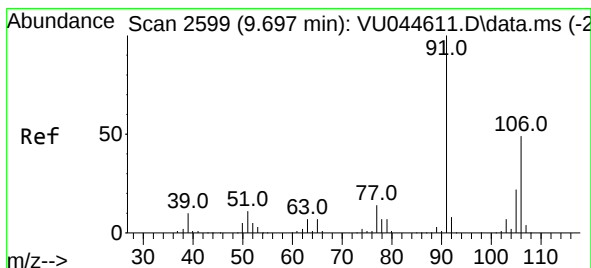
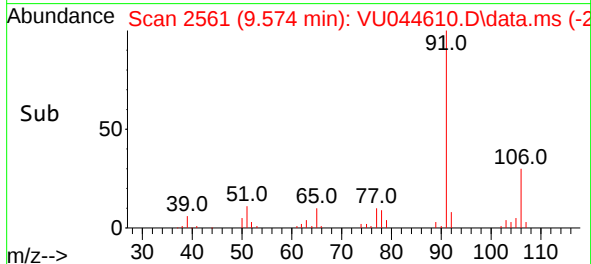
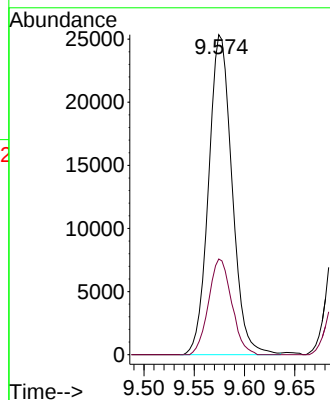
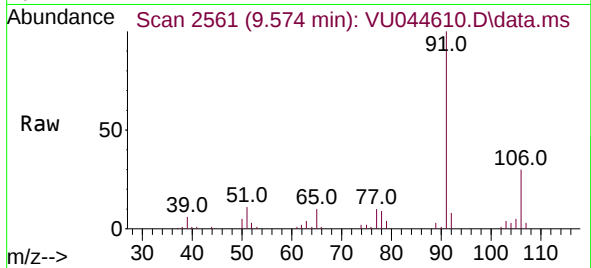




#52  
Ethylbenzene  
Concen: 0.780 ug/L  
RT: 9.574 min Scan# 2561  
Delta R.T. -0.000 min  
Lab File: VU044610.D  
Acq: 09 Sep 2021 13:06

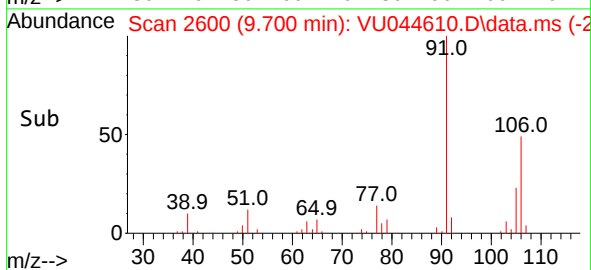
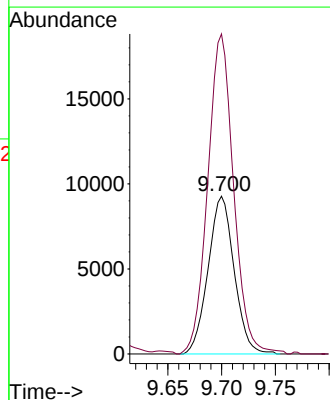
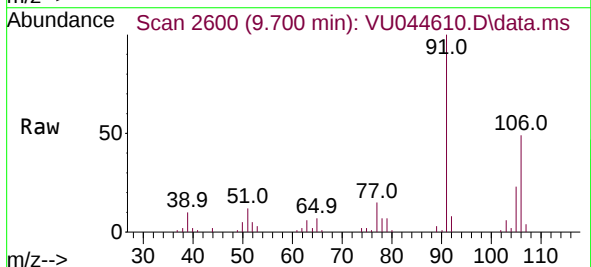
Instrument :  
MSVOA\_U  
ClientSampleId :

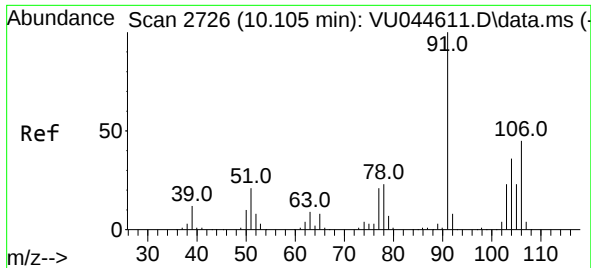
Tgt Ion: 91 Resp: 41070  
Ion Ratio Lower Upper  
91 100  
106 29.9 21.1 39.1



#53  
m,p-Xylene  
Concen: 0.789 ug/L  
RT: 9.700 min Scan# 2600  
Delta R.T. 0.003 min  
Lab File: VU044610.D  
Acq: 09 Sep 2021 13:06

Tgt Ion: 106 Resp: 15637  
Ion Ratio Lower Upper  
106 100  
91 202.9 144.6 268.6

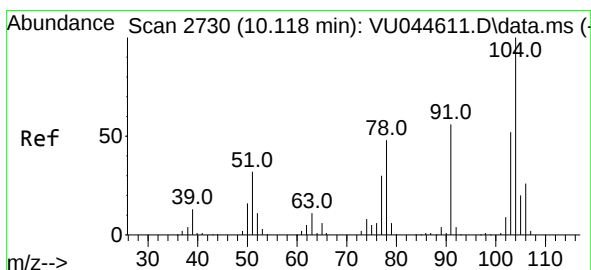
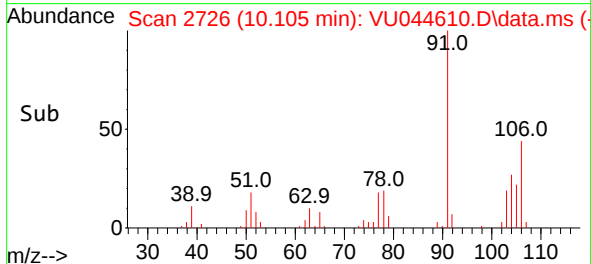
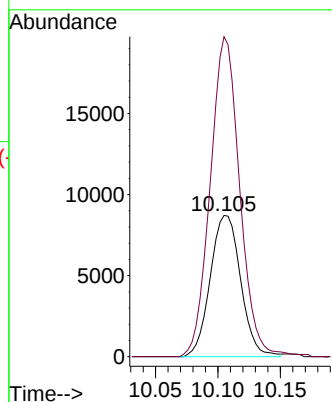
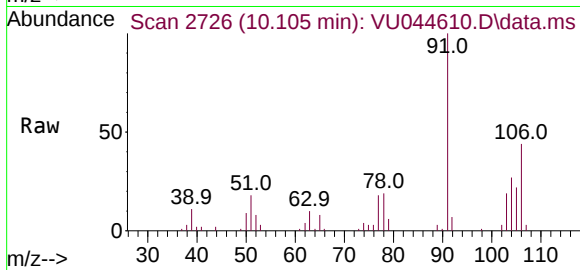




#54  
o-Xylene  
Concen: 0.771 ug/L  
RT: 10.105 min Scan# 2726  
Delta R.T. -0.000 min  
Lab File: VU044610.D  
Acq: 09 Sep 2021 13:06

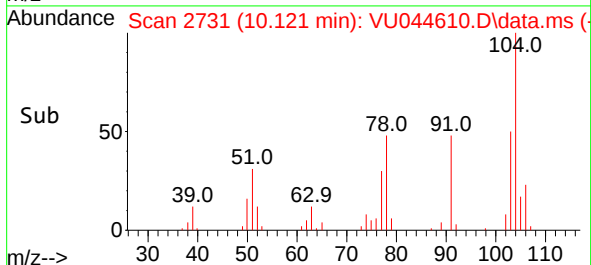
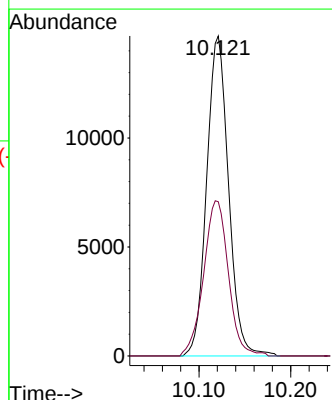
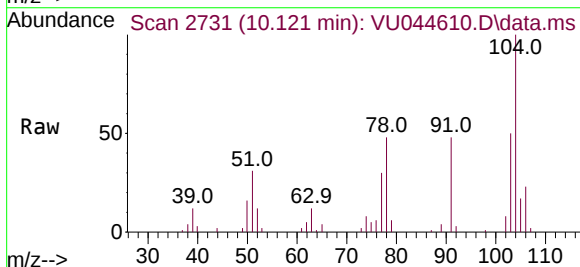
Instrument :  
MSVOA\_U  
ClientSampleId :

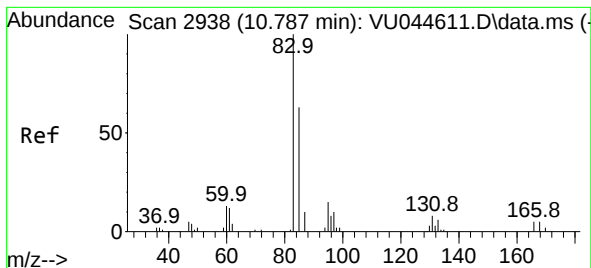
Tgt Ion:106 Resp: 14790  
Ion Ratio Lower Upper  
106 100  
91 226.6 156.2 290.0



#55  
Styrene  
Concen: 0.758 ug/L  
RT: 10.121 min Scan# 2731  
Delta R.T. 0.003 min  
Lab File: VU044610.D  
Acq: 09 Sep 2021 13:06

Tgt Ion:104 Resp: 24353  
Ion Ratio Lower Upper  
104 100  
78 48.2 33.6 62.4

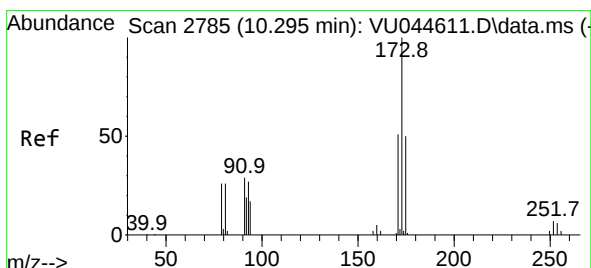
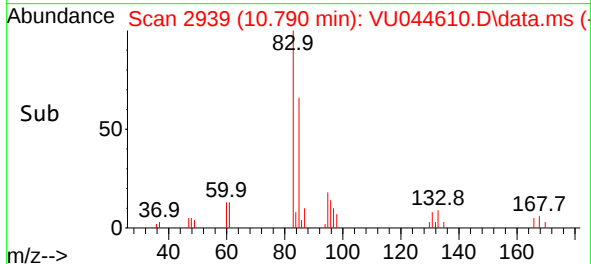
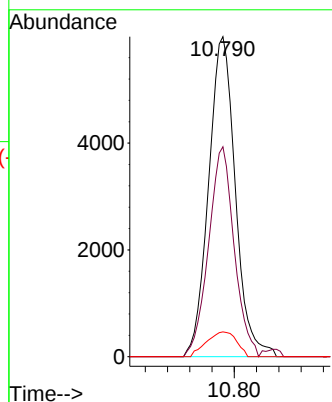
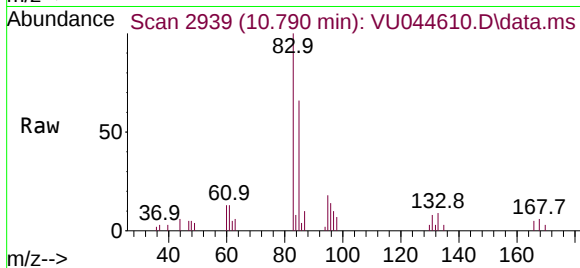




#57  
1,1,2,2-Tetrachloroethane  
Concen: 0.851 ug/L  
RT: 10.790 min Scan# 2939  
Delta R.T. 0.003 min  
Lab File: VU044610.D  
Acq: 09 Sep 2021 13:06

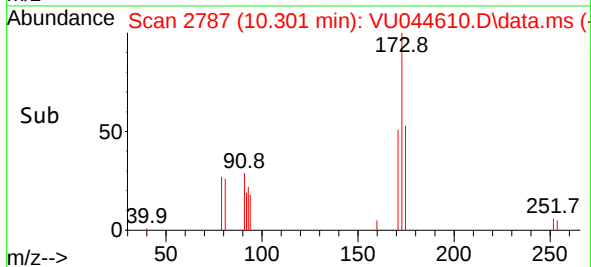
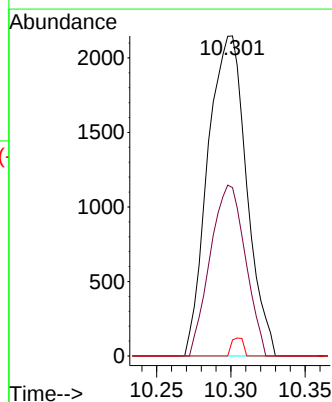
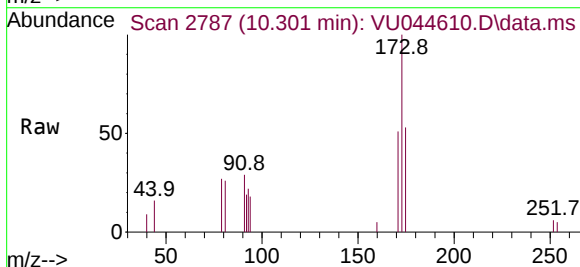
Instrument :  
MSVOA\_U  
ClientSampleId :

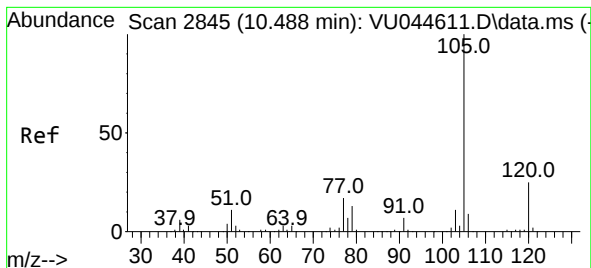
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 9983  |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 65.6  | 44.5  | 82.7  |
| 131      | 7.7   | 6.6   | 10.0  |



#59  
Bromoform  
Concen: 0.783 ug/L  
RT: 10.301 min Scan# 2787  
Delta R.T. 0.006 min  
Lab File: VU044610.D  
Acq: 09 Sep 2021 13:06

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 173   | Resp: | 3893  |
| Ion      | Ratio | Lower | Upper |
| 173      | 100   |       |       |
| 175      | 48.4  | 38.8  | 58.2  |
| 254      | 1.7   | 4.9   | 7.3#  |





#60

Isopropylbenzene

Concen: 0.754 ug/L

RT: 10.491 min Scan# 2846

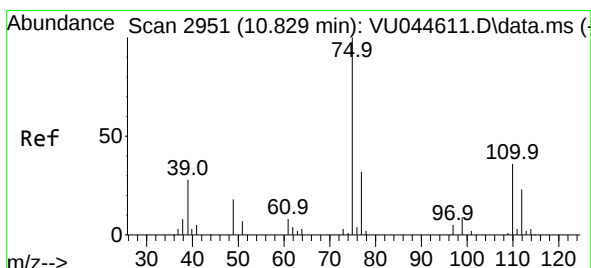
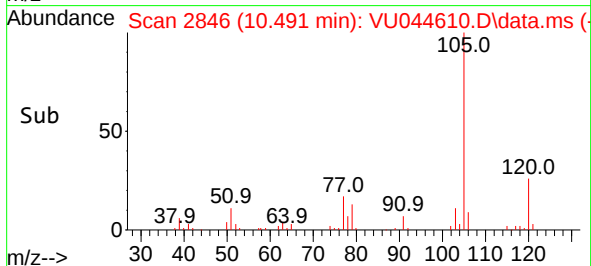
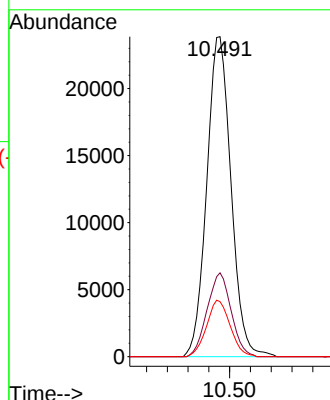
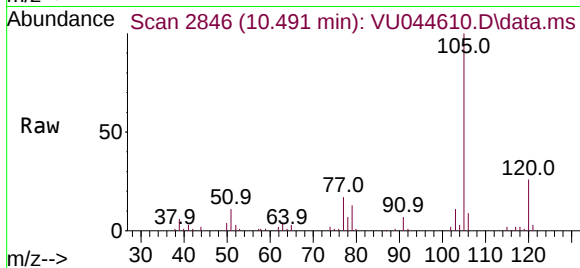
Delta R.T. 0.003 min

Lab File: VU044610.D

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|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 105   | Resp: | 38656 |
| Ion Ratio | Lower | Upper |       |
| 105       | 100   |       |       |
| 120       | 25.9  | 20.2  | 30.2  |
| 77        | 17.1  | 13.6  | 20.4  |

Instrument :  
MSVOA\_U  
ClientSampleId :



#61

1,2,3-Trichloropropane

Concen: 0.860 ug/L

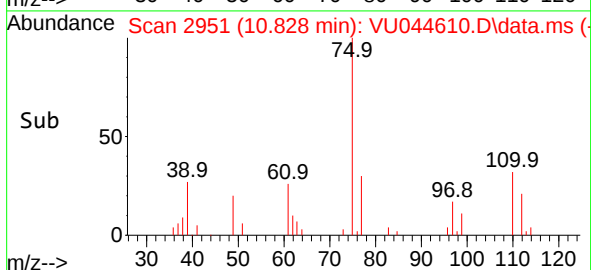
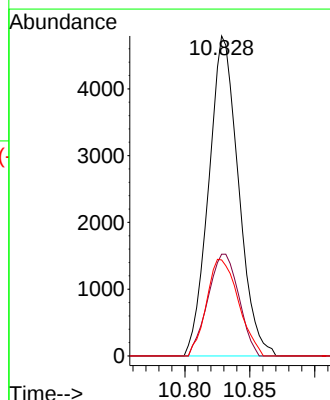
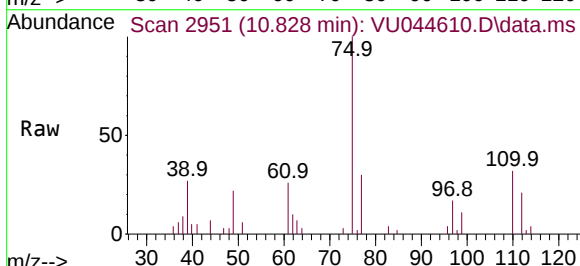
RT: 10.828 min Scan# 2951

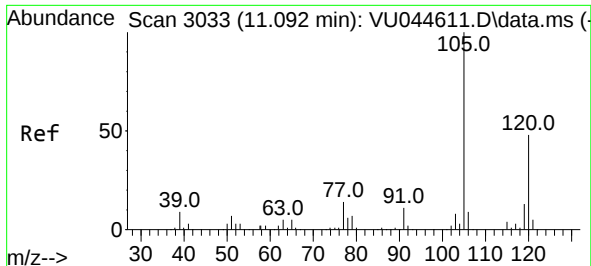
Delta R.T. -0.000 min

Lab File: VU044610.D

Acq: 09 Sep 2021 13:06

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 75    | Resp: | 7624 |
| Ion Ratio | Lower | Upper |      |
| 75        | 100   |       |      |
| 110       | 32.9  | 28.8  | 43.2 |
| 77        | 32.4  | 25.9  | 38.9 |

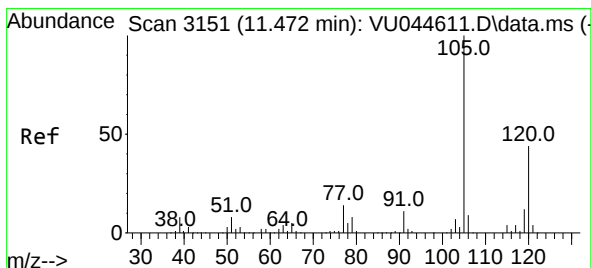
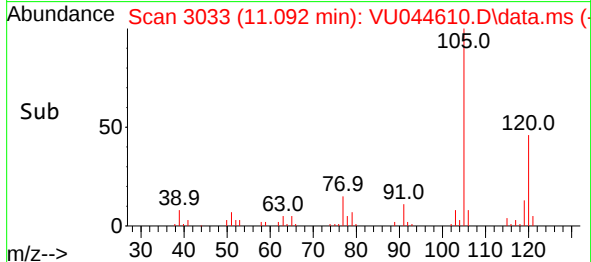
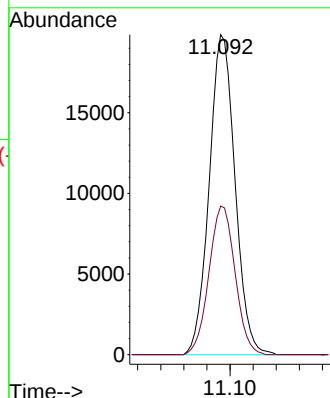
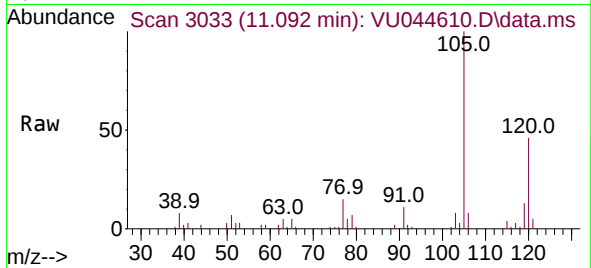




#62  
1,3,5-Trimethylbenzene  
Concen: 0.734 ug/L  
RT: 11.092 min Scan# 3033  
Delta R.T. -0.000 min  
Lab File: VU044610.D  
Acq: 09 Sep 2021 13:06

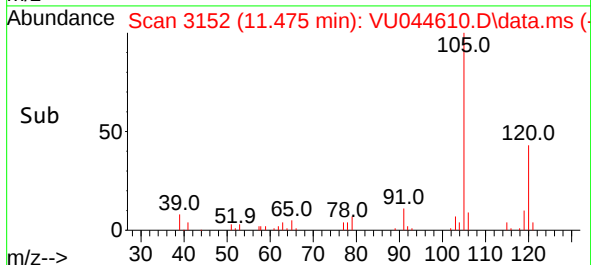
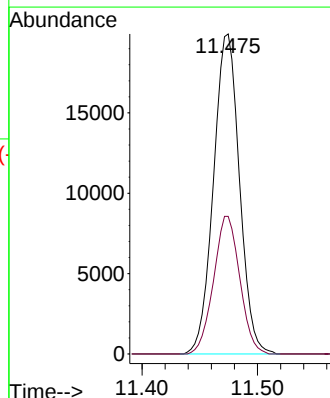
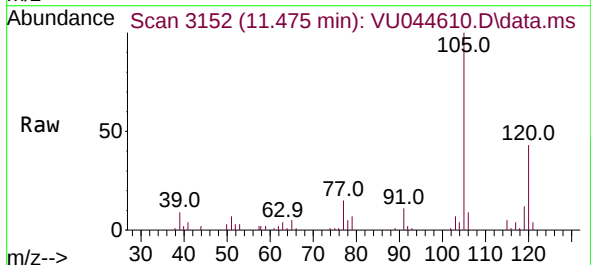
Instrument :  
MSVOA\_U  
ClientSampleId :

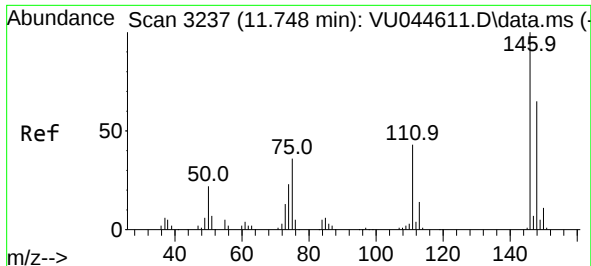
Tgt Ion:105 Resp: 30782  
Ion Ratio Lower Upper  
105 100  
120 47.0 38.2 57.2



#63  
1,2,4-Trimethylbenzene  
Concen: 0.725 ug/L  
RT: 11.475 min Scan# 3152  
Delta R.T. 0.003 min  
Lab File: VU044610.D  
Acq: 09 Sep 2021 13:06

Tgt Ion:105 Resp: 31159  
Ion Ratio Lower Upper  
105 100  
120 43.4 35.4 53.2

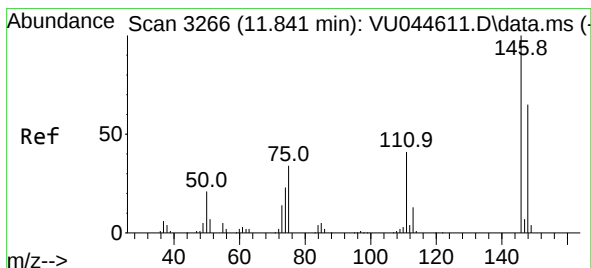
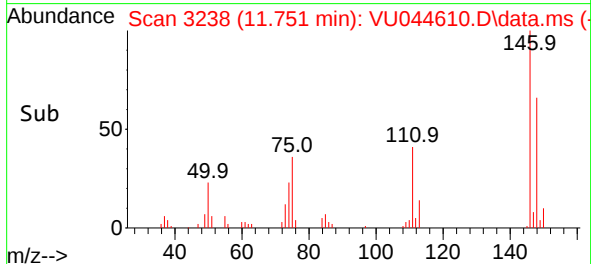
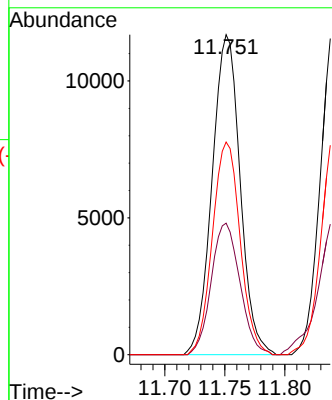
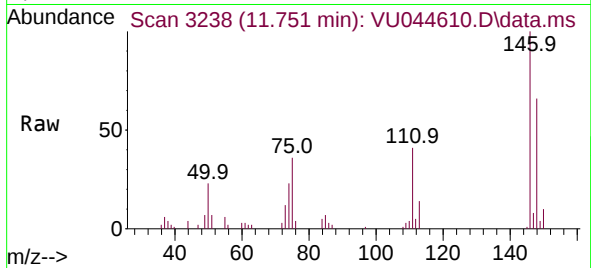




#64  
1,3-Dichlorobenzene  
Concen: 0.835 ug/L  
RT: 11.751 min Scan# 3238  
Delta R.T. 0.003 min  
Lab File: VU044610.D  
Acq: 09 Sep 2021 13:06

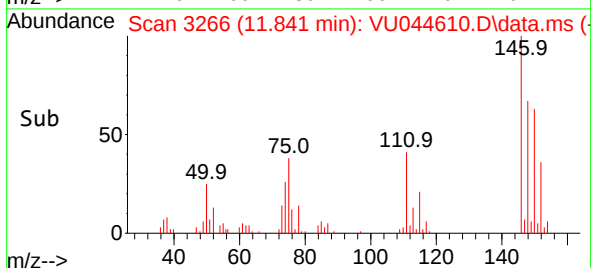
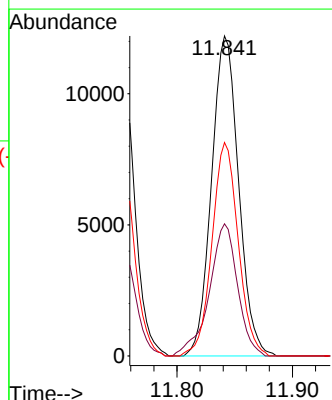
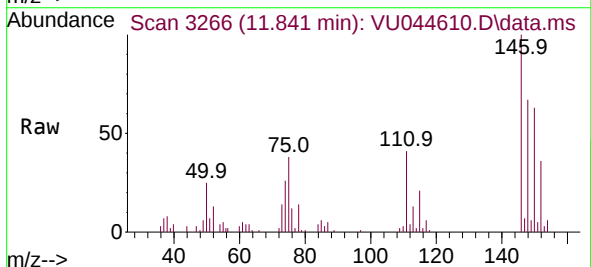
Instrument :  
MSVOA\_U  
ClientSampleId :

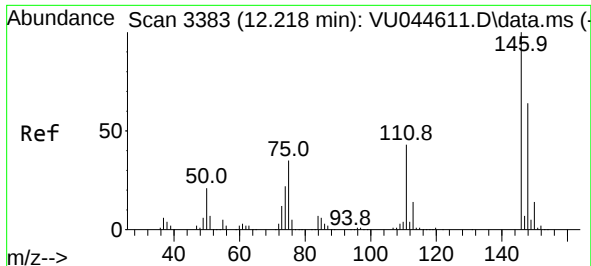
Tgt Ion:146 Resp: 18932  
Ion Ratio Lower Upper  
146 100  
111 41.1 29.8 55.4  
148 66.5 45.2 84.0



#65  
1,4-Dichlorobenzene  
Concen: 0.865 ug/L  
RT: 11.841 min Scan# 3266  
Delta R.T. -0.000 min  
Lab File: VU044610.D  
Acq: 09 Sep 2021 13:06

Tgt Ion:146 Resp: 19894  
Ion Ratio Lower Upper  
146 100  
111 41.3 28.7 53.3  
148 66.7 45.4 84.4

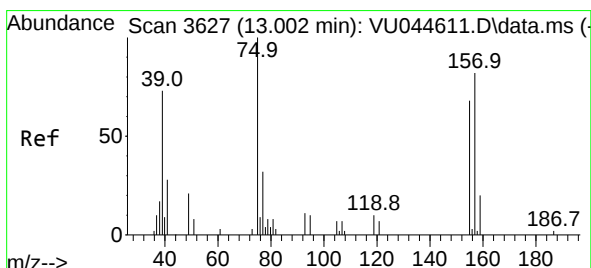
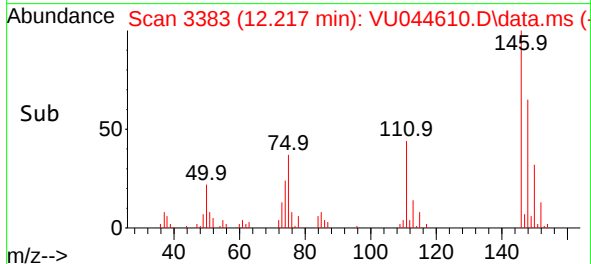
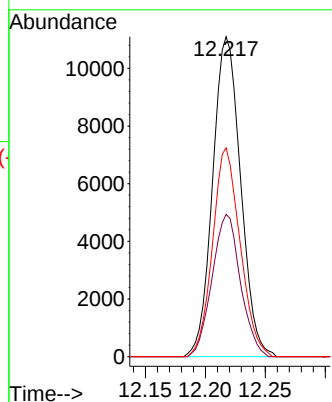
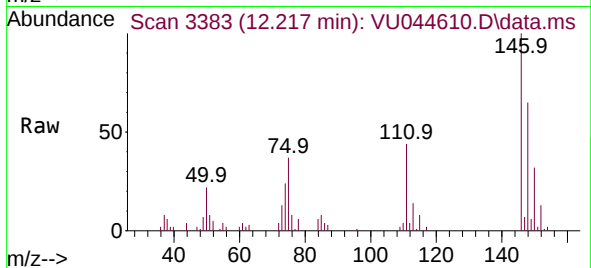




#67  
1,2-Dichlorobenzene  
Concen: 0.833 ug/L  
RT: 12.217 min Scan# 3383  
Delta R.T. -0.000 min  
Lab File: VU044610.D  
Acq: 09 Sep 2021 13:06

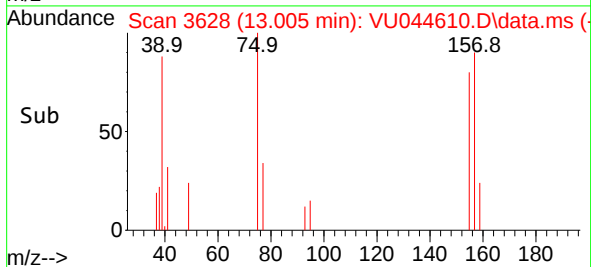
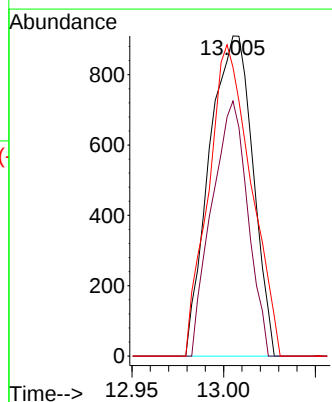
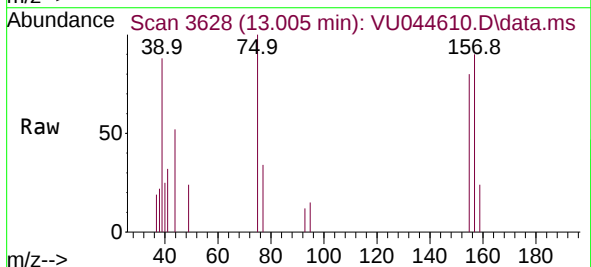
Instrument :  
MSVOA\_U  
ClientSampleId :

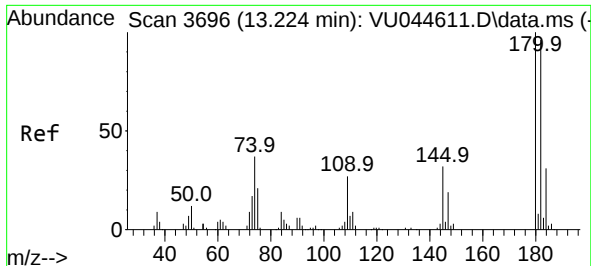
Tgt Ion:146 Resp: 17971  
Ion Ratio Lower Upper  
146 100  
111 44.4 34.6 51.8  
148 65.2 51.3 76.9



#68  
1,2-Dibromo-3-chloropropane  
Concen: 0.815 ug/L  
RT: 13.005 min Scan# 3628  
Delta R.T. 0.003 min  
Lab File: VU044610.D  
Acq: 09 Sep 2021 13:06

Tgt Ion: 75 Resp: 1499  
Ion Ratio Lower Upper  
75 100  
155 79.7 54.0 81.0  
157 90.2 65.4 98.2

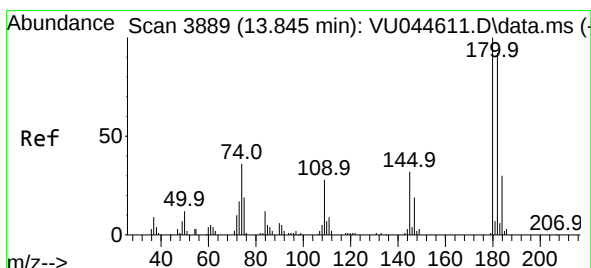
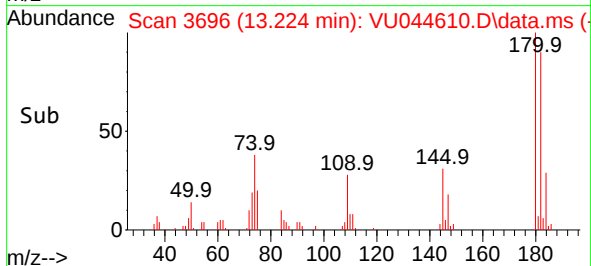
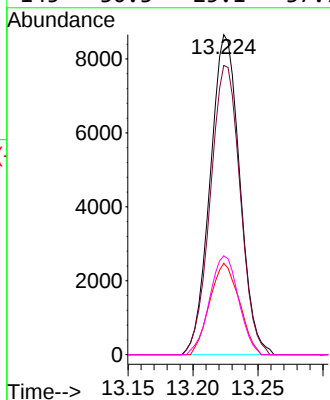
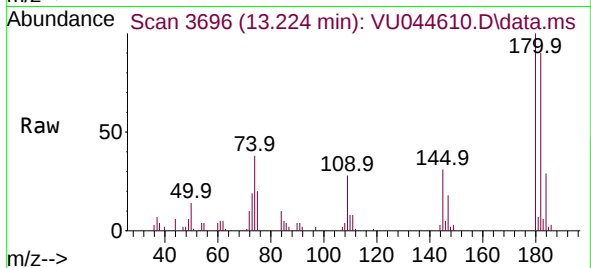




#69  
1,3,5-Trichlorobenzene  
Concen: 0.847 ug/L  
RT: 13.224 min Scan# 3696  
Delta R.T. -0.000 min  
Lab File: VU044610.D  
Acq: 09 Sep 2021 13:06

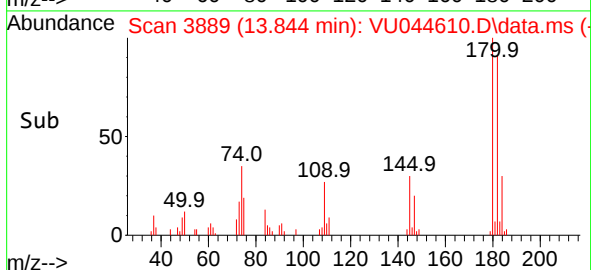
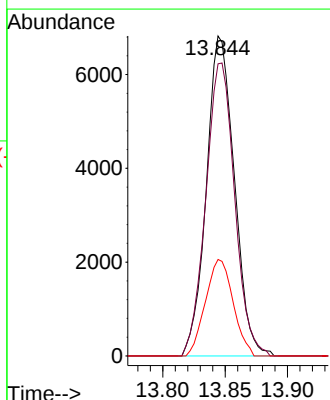
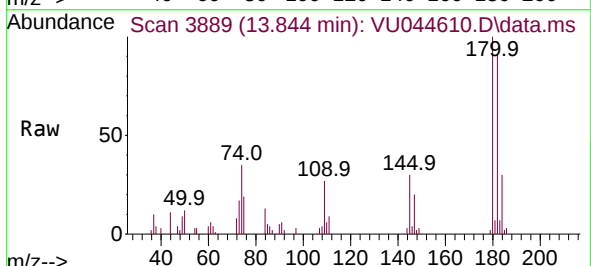
Instrument :  
MSVOA\_U  
ClientSampled :

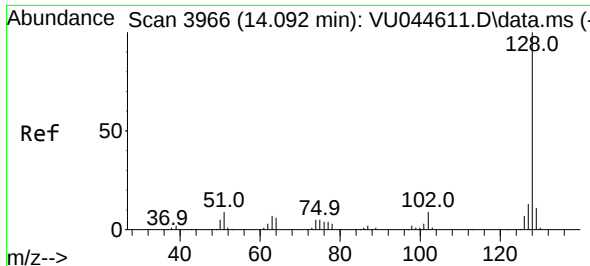
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 13688 |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 91.2  | 76.9  | 115.3 |
| 184       | 28.5  | 24.1  | 36.1  |
| 145       | 30.3  | 25.1  | 37.7  |



#70  
1,2,4-trichlorobenzene  
Concen: 0.834 ug/L  
RT: 13.844 min Scan# 3889  
Delta R.T. -0.000 min  
Lab File: VU044610.D  
Acq: 09 Sep 2021 13:06

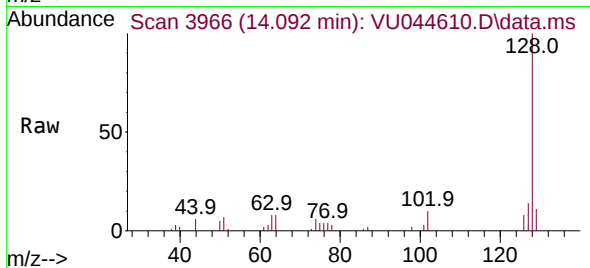
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 10666 |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 94.4  | 75.4  | 113.0 |
| 145       | 29.8  | 25.2  | 37.8  |



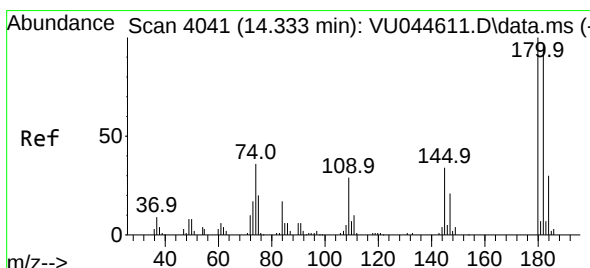
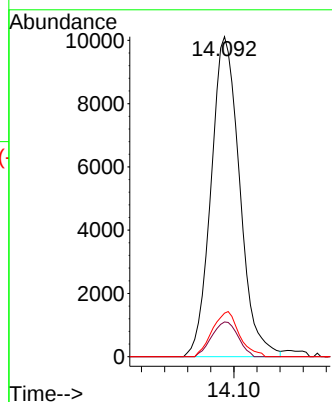
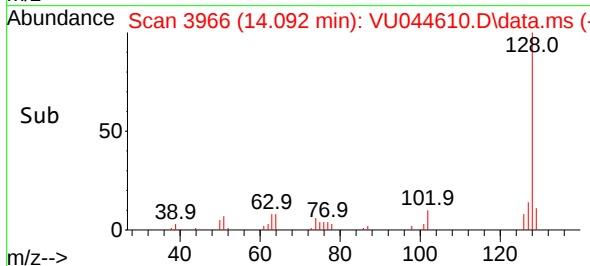


#71  
Naphthalene  
Concen: 0.718 ug/L  
RT: 14.092 min Scan# 3966  
Delta R.T. -0.000 min  
Lab File: VU044610.D  
Acq: 09 Sep 2021 13:06

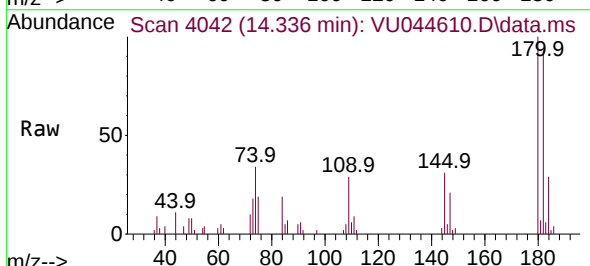
Instrument :  
MSVOA\_U  
ClientSampled :



Tgt Ion:128 Resp: 17381  
Ion Ratio Lower Upper  
128 100  
129 10.0 8.7 13.1  
127 13.3 10.4 15.6



#72  
1,2,3-Trichlorobenzene  
Concen: 0.800 ug/L  
RT: 14.336 min Scan# 4042  
Delta R.T. 0.003 min  
Lab File: VU044610.D  
Acq: 09 Sep 2021 13:06



Tgt Ion:180 Resp: 9357  
Ion Ratio Lower Upper  
180 100  
182 95.6 75.9 113.9  
145 32.2 27.0 40.6

