

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU053122\  
 Data File : VU048735.D  
 Acq On : 31 May 2022 13:11  
 Operator : SY/MD  
 Sample : VU0531MBS01  
 Misc : 5.00g/10.0mL/100uL/5.0mL/MSVOA\_U/MEOH  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0531MBS01

Quant Time: Jun 01 02:15:09 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U052622W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri May 27 06:42:31 2022  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 5.375  | 168  | 251923   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.250  | 114  | 422140   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 9.417  | 117  | 393742   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 11.812 | 152  | 208694   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| System Monitoring Compounds |        |       |          |          |      |         |
| 33) 1,2-Dichloroethane-d4   | 5.703  | 65    | 186158   | 49.204   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =    | 98.400% |
| 35) Dibromofluoromethane    | 5.292  | 113   | 144195   | 47.879   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 95.760% |
| 50) Toluene-d8              | 7.899  | 98    | 516395   | 47.834   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =    | 95.660% |
| 62) 4-Bromofluorobenzene    | 10.632 | 95    | 202837   | 49.681   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =    | 99.360% |

|                              |       |     |        |         |        |     |
|------------------------------|-------|-----|--------|---------|--------|-----|
| Target Compounds             |       |     |        |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 1.385 | 85  | 50471  | 17.501  | ug/l   | 96  |
| 3) Chloromethane             | 1.523 | 50  | 64657  | 17.416  | ug/l   | 95  |
| 4) Vinyl Chloride            | 1.604 | 62  | 65615  | 19.082  | ug/l   | 96  |
| 5) Bromomethane              | 1.851 | 94  | 41891  | 19.176  | ug/l   | 98  |
| 6) Chloroethane              | 1.932 | 64  | 39913  | 19.636  | ug/l   | 99  |
| 7) Trichlorofluoromethane    | 2.138 | 101 | 89682  | 18.262  | ug/l   | 100 |
| 8) Diethyl Ether             | 2.376 | 74  | 36259  | 20.008  | ug/l   | 96  |
| 9) 1,1,2-Trichlorotrifluo... | 2.581 | 101 | 50411  | 18.753  | ug/l   | 98  |
| 10) Methyl Iodide            | 2.723 | 142 | 42280  | 12.957  | ug/l   | 97  |
| 11) Tert butyl alcohol       | 3.176 | 59  | 87621  | 91.348  | ug/l # | 42  |
| 12) 1,1-Dichloroethene       | 2.578 | 96  | 48796  | 19.031  | ug/l   | 98  |
| 13) Acrolein                 | 2.485 | 56  | 19814  | 59.090  | ug/l   | 97  |
| 14) Allyl chloride           | 2.925 | 41  | 98494  | 19.833  | ug/l   | 99  |
| 15) Acrylonitrile            | 3.311 | 53  | 218376 | 104.972 | ug/l   | 98  |
| 16) Acetone                  | 2.623 | 43  | 181530 | 94.149  | ug/l   | 100 |
| 17) Carbon Disulfide         | 2.793 | 76  | 135247 | 18.069  | ug/l   | 98  |
| 18) Methyl Acetate           | 2.948 | 43  | 104173 | 21.519  | ug/l   | 99  |
| 19) Methyl tert-butyl Ether  | 3.366 | 73  | 195218 | 20.066  | ug/l   | 99  |
| 20) Methylene Chloride       | 3.044 | 84  | 62015  | 18.914  | ug/l   | 97  |
| 21) trans-1,2-Dichloroethene | 3.353 | 96  | 54659  | 18.636  | ug/l   | 94  |
| 22) Diisopropyl ether        | 3.993 | 45  | 199747 | 21.805  | ug/l   | 95  |
| 23) Vinyl Acetate            | 3.954 | 43  | 844453 | 106.395 | ug/l   | 100 |
| 24) 1,1-Dichloroethane       | 3.871 | 63  | 115424 | 20.062  | ug/l   | 100 |
| 25) 2-Butanone               | 4.700 | 43  | 282541 | 102.003 | ug/l   | 97  |
| 26) 2,2-Dichloropropane      | 4.668 | 77  | 91033  | 17.637  | ug/l   | 100 |
| 27) cis-1,2-Dichloroethene   | 4.668 | 96  | 62981  | 18.552  | ug/l   | 99  |
| 28) Bromochloromethane       | 4.973 | 49  | 50458  | 22.359  | ug/l   | 98  |
| 29) Tetrahydrofuran          | 5.051 | 42  | 187148 | 107.263 | ug/l   | 98  |
| 30) Chloroform               | 5.092 | 83  | 114281 | 19.852  | ug/l   | 100 |
| 31) Cyclohexane              | 5.388 | 56  | 96559  | 20.252  | ug/l   | 98  |
| 32) 1,1,1-Trichloroethane    | 5.317 | 97  | 100122 | 19.170  | ug/l   | 99  |
| 36) 1,1-Dichloropropene      | 5.527 | 75  | 78292  | 17.812  | ug/l   | 99  |
| 37) Ethyl Acetate            | 4.803 | 43  | 101773 | 18.316  | ug/l   | 98  |
| 38) Carbon Tetrachloride     | 5.527 | 117 | 86163  | 17.087  | ug/l   | 97  |
| 39) Methylcyclohexane        | 6.764 | 83  | 86773  | 18.828  | ug/l   | 98  |
| 40) Benzene                  | 5.774 | 78  | 242800 | 18.711  | ug/l   | 100 |

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 ALS Vial : 7 Sample Multiplier: 1

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U052622W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri May 27 06:42:31 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 4.973  | 41   | 58032    | 20.667  | ug/l   | 99       |
| 42) 1,2-Dichloroethane        | 5.797  | 62   | 92615    | 18.232  | ug/l   | 98       |
| 43) Isopropyl Acetate         | 5.912  | 43   | 159283   | 19.750  | ug/l   | 100      |
| 44) Trichloroethene           | 6.543  | 130  | 61963    | 18.534  | ug/l   | 95       |
| 45) 1,2-Dichloropropane       | 6.790  | 63   | 67111    | 20.543  | ug/l   | 96       |
| 46) Dibromomethane            | 6.919  | 93   | 46706    | 19.136  | ug/l   | 99       |
| 47) Bromodichloromethane      | 7.108  | 83   | 91084    | 18.454  | ug/l   | 99       |
| 48) Methyl methacrylate       | 6.961  | 41   | 71971    | 19.879  | ug/l   | 98       |
| 49) 1,4-Dioxane               | 6.961  | 88   | 28661    | 354.124 | ug/l   | 93       |
| 51) 4-Methyl-2-Pentanone      | 7.790  | 43   | 556564   | 106.280 | ug/l   | 99       |
| 52) Toluene                   | 7.970  | 92   | 152593   | 19.659  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene     | 8.211  | 75   | 101342   | 19.034  | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene   | 7.607  | 75   | 105848   | 19.185  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane     | 8.401  | 97   | 63442    | 18.520  | ug/l   | 98       |
| 56) Ethyl methacrylate        | 8.333  | 69   | 97705    | 19.719  | ug/l   | 98       |
| 57) 1,3-Dichloropropane       | 8.575  | 76   | 112924   | 19.586  | ug/l   | 96       |
| 58) 2-Chloroethyl Vinyl ether | 7.465  | 63   | 76876    | 85.090  | ug/l   | 97       |
| 59) 2-Hexanone                | 8.684  | 43   | 427116   | 99.347  | ug/l   | 100      |
| 60) Dibromochloromethane      | 8.813  | 129  | 73606    | 19.168  | ug/l   | 98       |
| 61) 1,2-Dibromoethane         | 8.925  | 107  | 68860    | 18.253  | ug/l   | 99       |
| 64) Tetrachloroethene         | 8.555  | 164  | 51004    | 17.944  | ug/l   | 97       |
| 65) Chlorobenzene             | 9.449  | 112  | 164463   | 19.749  | ug/l   | 96       |
| 66) 1,1,1,2-Tetrachloroethane | 9.536  | 131  | 60300    | 19.076  | ug/l   | 99       |
| 67) Ethyl Benzene             | 9.571  | 91   | 282823   | 20.136  | ug/l   | 98       |
| 68) m/p-Xylenes               | 9.694  | 106  | 222212   | 40.451  | ug/l   | 99       |
| 69) o-Xylene                  | 10.102 | 106  | 107333   | 19.888  | ug/l   | 97       |
| 70) Styrene                   | 10.115 | 104  | 185010   | 20.841  | ug/l   | 99       |
| 71) Bromoform                 | 10.292 | 173  | 58342    | 19.962  | ug/l # | 97       |
| 73) Isopropylbenzene          | 10.485 | 105  | 284442   | 21.112  | ug/l   | 98       |
| 74) N-amyl acetate            | 10.321 | 43   | 128546   | 20.383  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane | 10.784 | 83   | 110365   | 20.073  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 10.825 | 75   | 127907   | 19.009  | ug/l   | 99       |
| 77) Bromobenzene              | 10.784 | 156  | 70520    | 19.489  | ug/l   | 96       |
| 78) n-propylbenzene           | 10.906 | 91   | 336070   | 20.933  | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 10.986 | 91   | 202896   | 20.322  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 11.089 | 105  | 237939   | 20.308  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 10.546 | 75   | 32995    | 17.804  | ug/l   | 96       |
| 82) 4-Chlorotoluene           | 11.095 | 91   | 240161   | 20.849  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 11.420 | 119  | 232007   | 20.632  | ug/l   | 100      |
| 84) 1,2,4-Trimethylbenzene    | 11.468 | 105  | 242229   | 19.914  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 11.642 | 105  | 294514   | 20.935  | ug/l   | 98       |
| 86) p-Isopropyltoluene        | 11.793 | 119  | 254799   | 21.091  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene       | 11.745 | 146  | 139527   | 19.667  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 11.838 | 146  | 141115   | 19.253  | ug/l   | 98       |
| 89) n-Butylbenzene            | 12.208 | 91   | 228071   | 20.221  | ug/l   | 99       |
| 90) Hexachloroethane          | 12.475 | 117  | 44080    | 17.878  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene       | 12.214 | 146  | 137083   | 19.127  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.996 | 75   | 31209    | 19.714  | ug/l   | 98       |
| 93) 1,2,4-Trichlorobenzene    | 13.841 | 180  | 93012    | 19.777  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 14.021 | 225  | 39666    | 17.597  | ug/l   | 99       |
| 95) Naphthalene               | 14.089 | 128  | 313739   | 20.664  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 14.330 | 180  | 91366    | 19.615  | ug/l   | 96       |

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Quant Title : SW846 8260  
QLast Update : Fri May 27 06:42:31 2022  
Response via : Initial Calibration

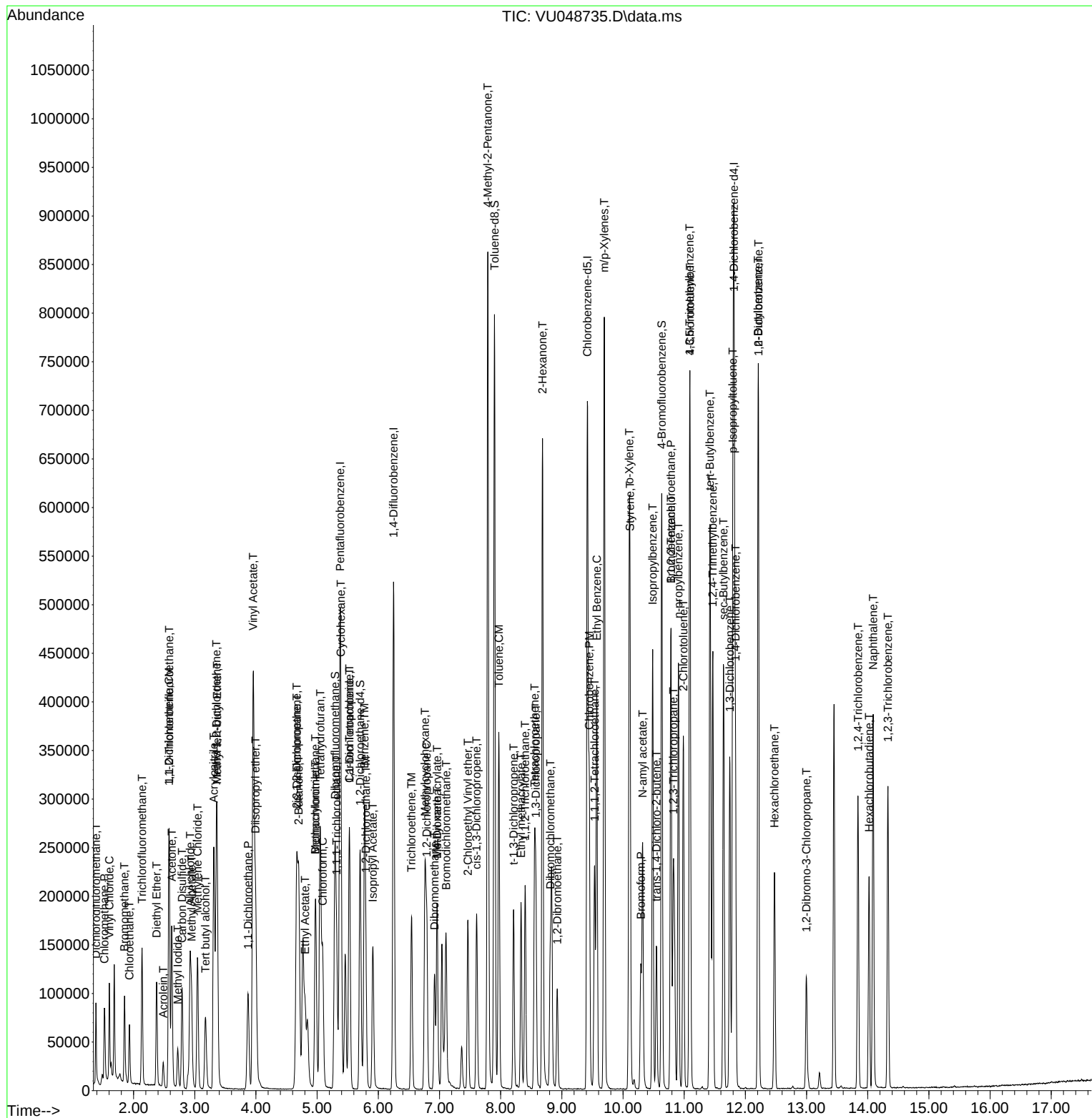
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

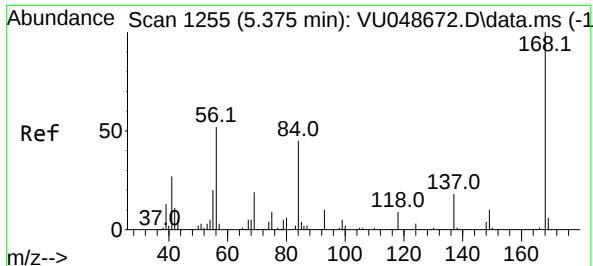
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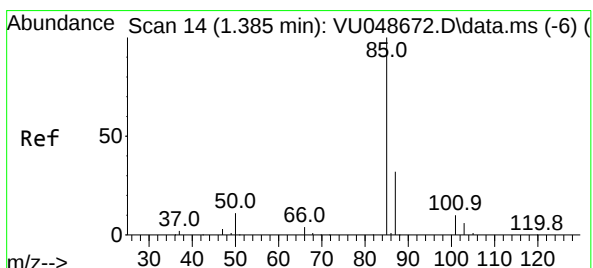
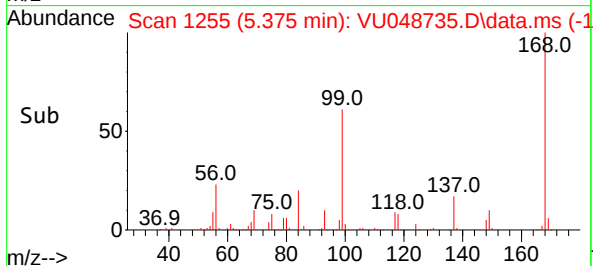
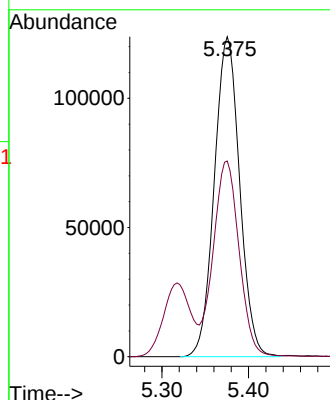
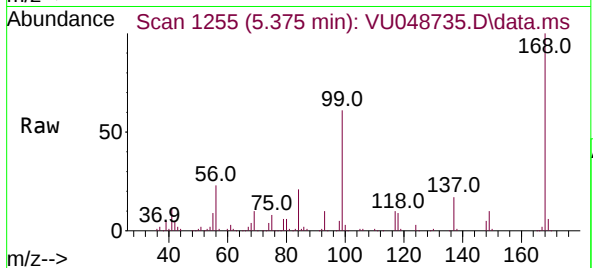




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.375 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VU048735.D  
Acq: 31 May 2022 13:11

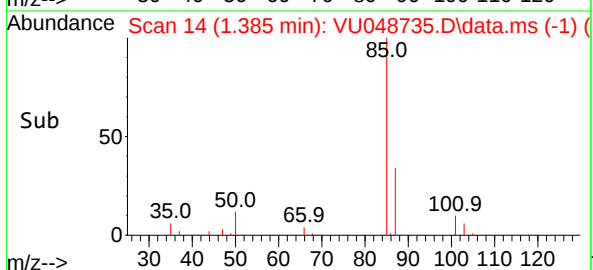
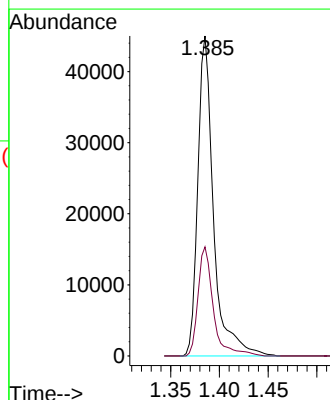
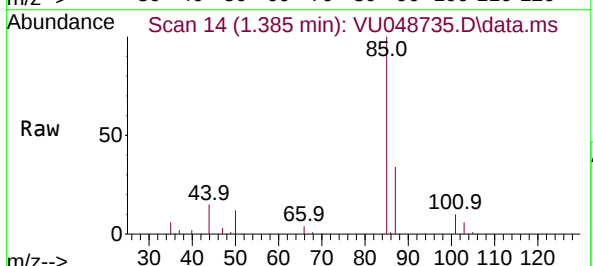
Instrument :  
MSVOA\_U  
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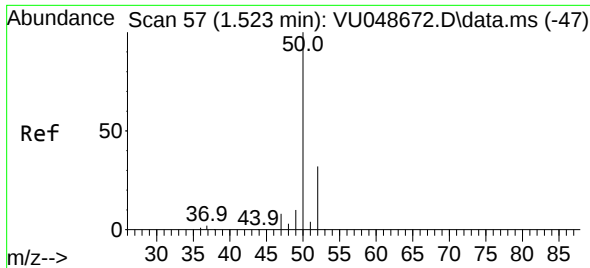
Tgt Ion:168 Resp: 251923  
Ion Ratio Lower Upper  
168 100  
99 60.8 49.3 73.9



#2  
Dichlorodifluoromethane  
Concen: 17.501 ug/l  
RT: 1.385 min Scan# 14  
Delta R.T. 0.000 min  
Lab File: VU048735.D  
Acq: 31 May 2022 13:11

Tgt Ion: 85 Resp: 50471  
Ion Ratio Lower Upper  
85 100  
87 34.1 16.0 48.0

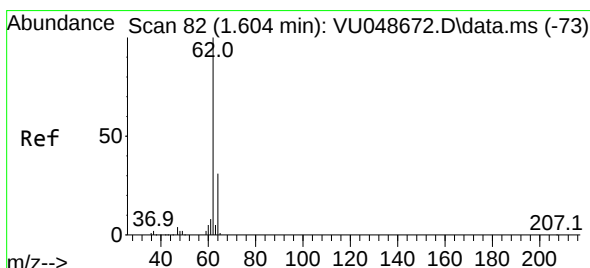
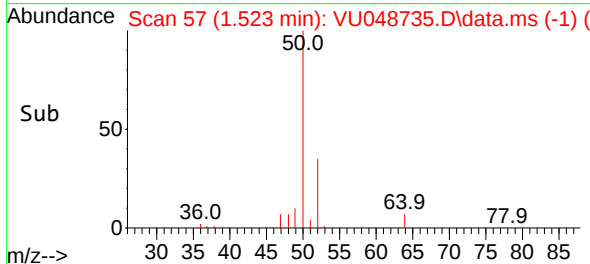
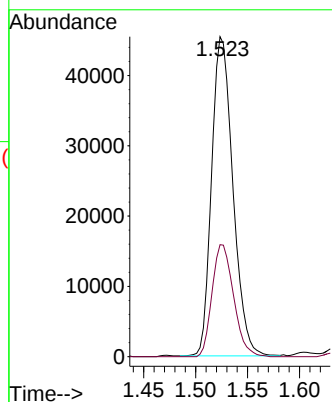
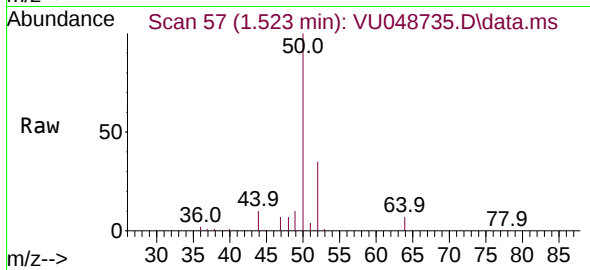




#3  
Chloromethane  
Concen: 17.416 ug/l  
RT: 1.523 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: VU048735.D  
Acq: 31 May 2022 13:11

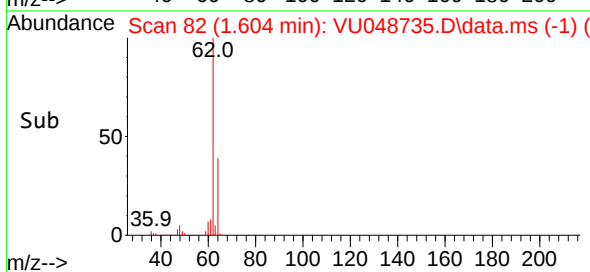
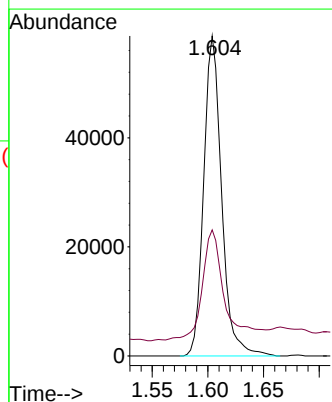
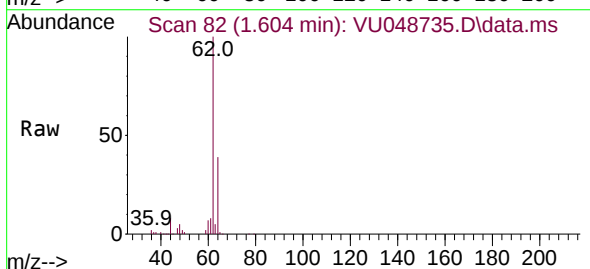
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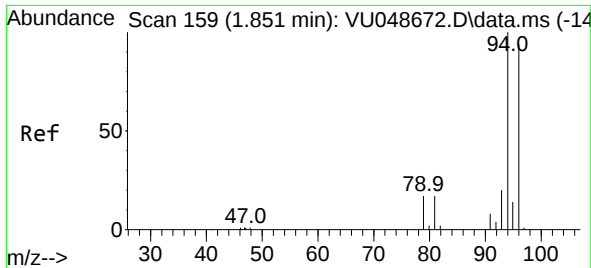
Tgt Ion: 50 Resp: 64657  
Ion Ratio Lower Upper  
50 100  
52 35.1 25.7 38.5



#4  
Vinyl Chloride  
Concen: 19.082 ug/l  
RT: 1.604 min Scan# 82  
Delta R.T. 0.000 min  
Lab File: VU048735.D  
Acq: 31 May 2022 13:11

Tgt Ion: 62 Resp: 65615  
Ion Ratio Lower Upper  
62 100  
64 33.7 25.2 37.8

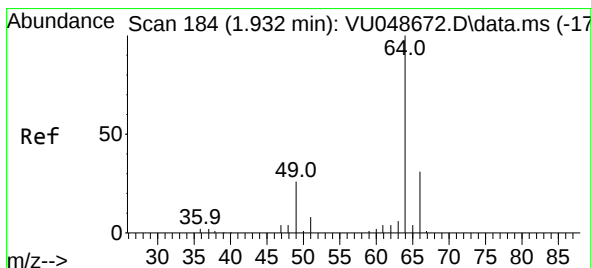
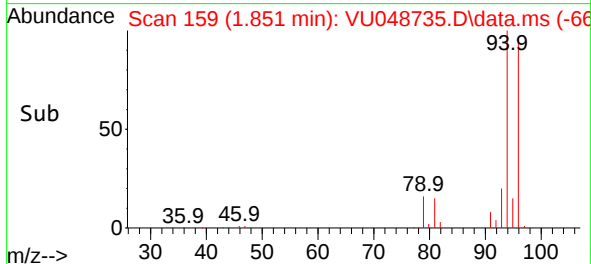
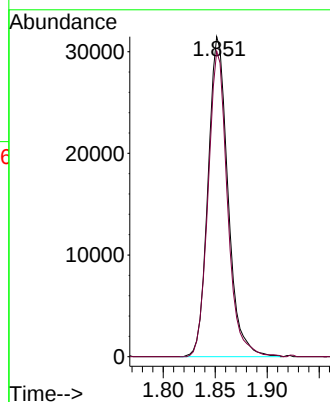
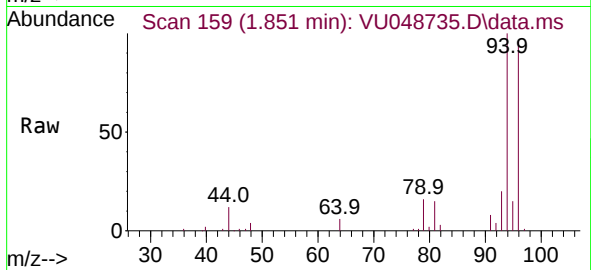




#5  
Bromomethane  
Concen: 19.176 ug/l  
RT: 1.851 min Scan# 159  
Delta R.T. 0.000 min  
Lab File: VU048735.D  
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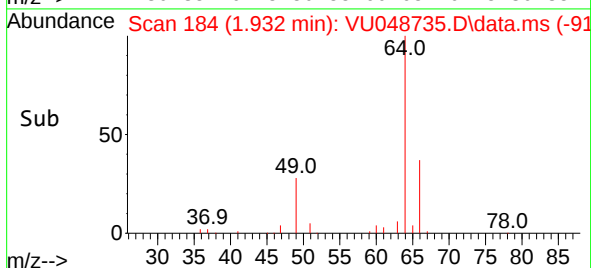
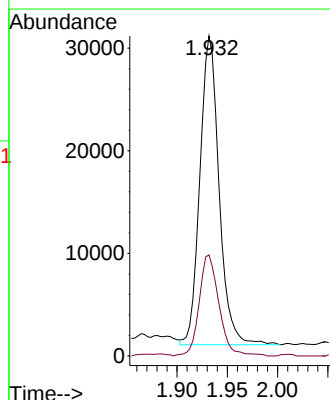
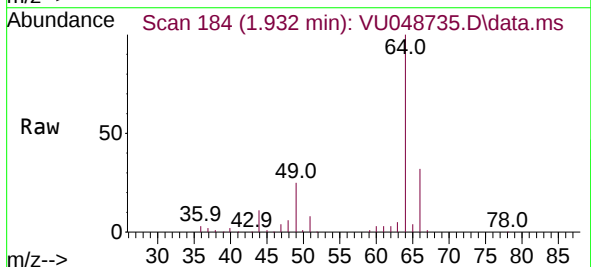
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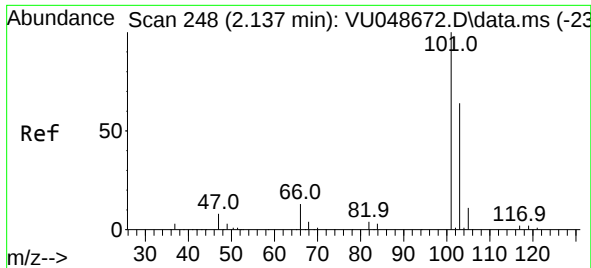
Tgt Ion: 94 Resp: 41891  
Ion Ratio Lower Upper  
94 100  
96 95.5 75.1 112.7



#6  
Chloroethane  
Concen: 19.636 ug/l  
RT: 1.932 min Scan# 184  
Delta R.T. -0.000 min  
Lab File: VU048735.D  
Acq: 31 May 2022 13:11

Tgt Ion: 64 Resp: 39913  
Ion Ratio Lower Upper  
64 100  
66 32.3 25.2 37.8

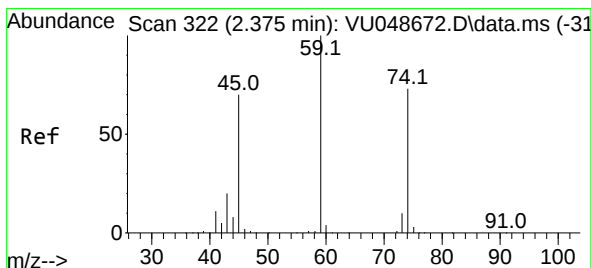
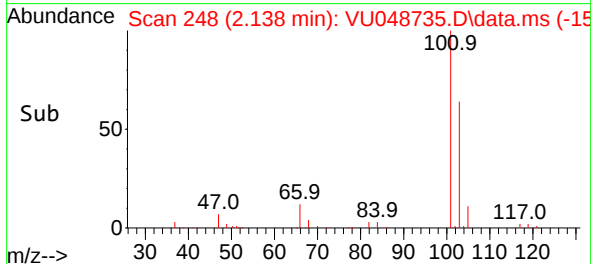
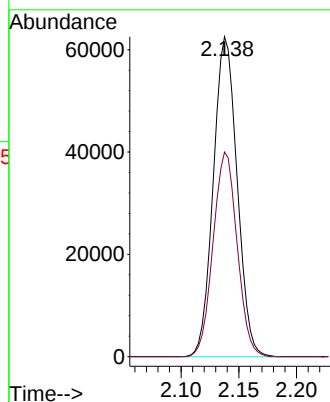
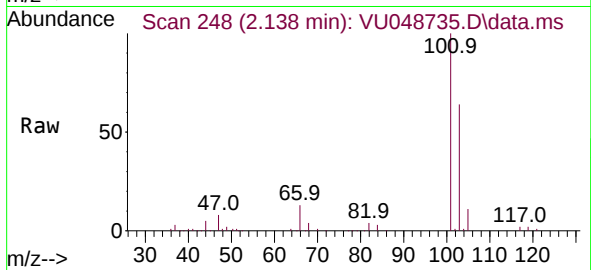




#7  
 Trichlorofluoromethane  
 Concen: 18.262 ug/l  
 RT: 2.138 min Scan# 248  
 Delta R.T. 0.000 min  
 Lab File: VU048735.D  
 Acq: 31 May 2022 13:11

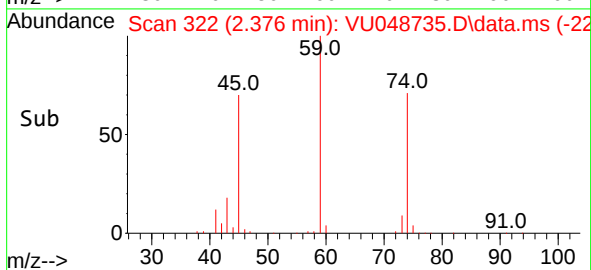
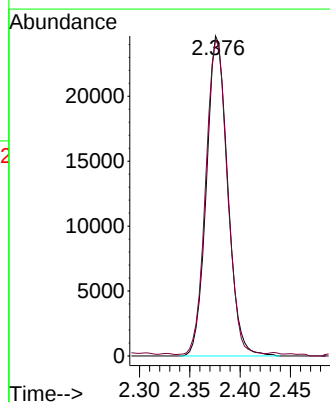
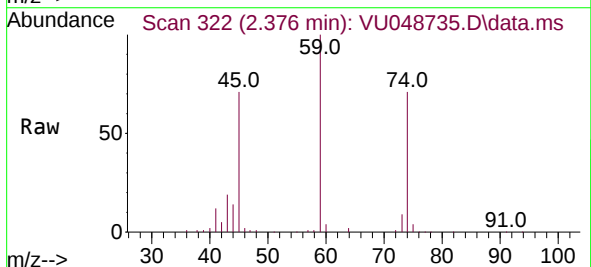
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0531MBS01

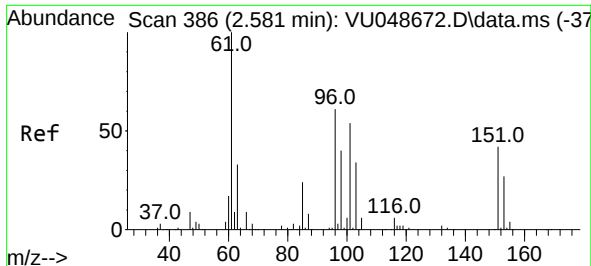
Tgt Ion:101 Resp: 89682  
 Ion Ratio Lower Upper  
 101 100  
 103 63.9 51.0 76.4



#8  
 Diethyl Ether  
 Concen: 20.008 ug/l  
 RT: 2.376 min Scan# 322  
 Delta R.T. 0.000 min  
 Lab File: VU048735.D  
 Acq: 31 May 2022 13:11

Tgt Ion: 74 Resp: 36259  
 Ion Ratio Lower Upper  
 74 100  
 45 99.8 47.7 143.1

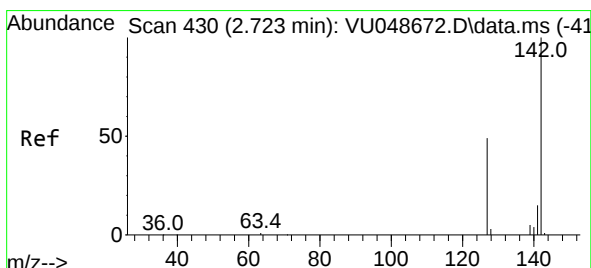
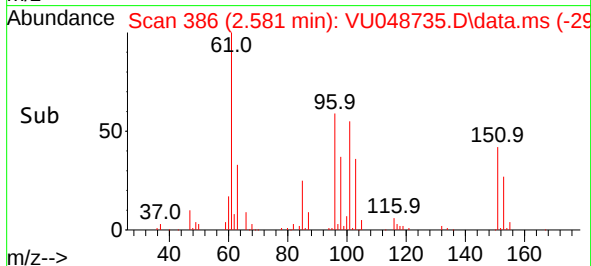
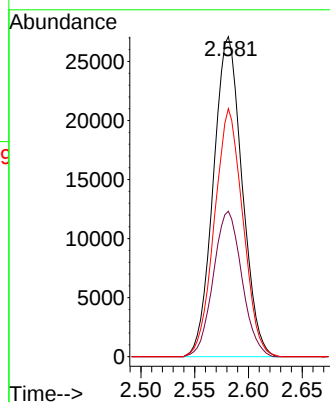
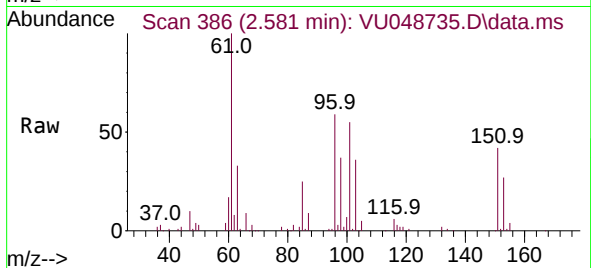




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 18.753 ug/l  
RT: 2.581 min Scan# 386  
Delta R.T. 0.000 min  
Lab File: VU048735.D  
Acq: 31 May 2022 13:11

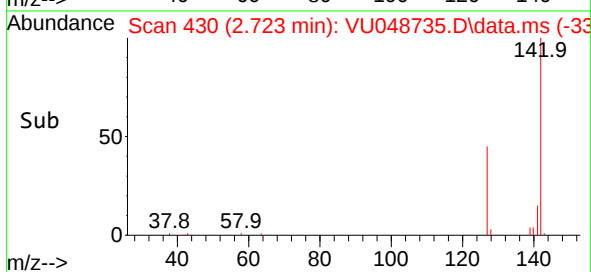
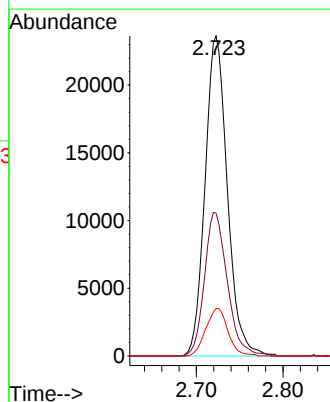
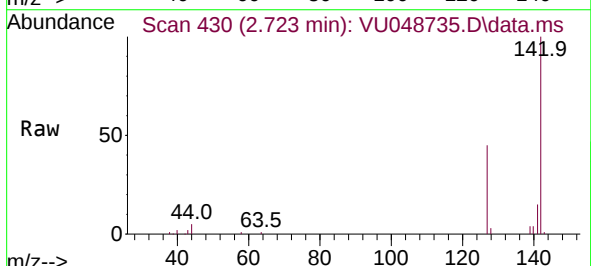
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0531MBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 101   | Resp: | 50411 |
| Ion      | Ratio | Lower | Upper |
| 101      | 100   |       |       |
| 85       | 45.2  | 35.4  | 53.2  |
| 151      | 76.6  | 62.5  | 93.7  |



#10  
Methyl Iodide  
Concen: 12.957 ug/l  
RT: 2.723 min Scan# 430  
Delta R.T. -0.000 min  
Lab File: VU048735.D  
Acq: 31 May 2022 13:11

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 142   | Resp: | 42280 |
| Ion      | Ratio | Lower | Upper |
| 142      | 100   |       |       |
| 127      | 45.9  | 38.4  | 57.6  |
| 141      | 14.8  | 11.5  | 17.3  |

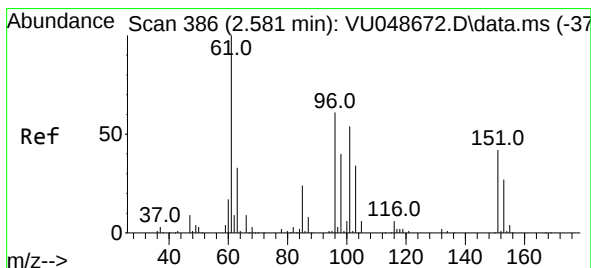
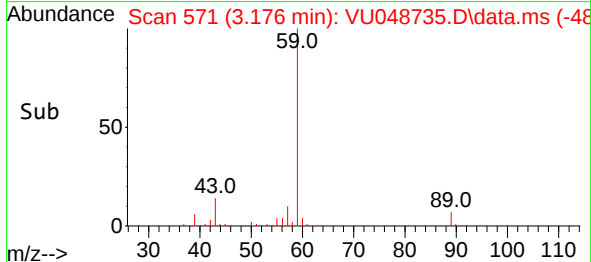
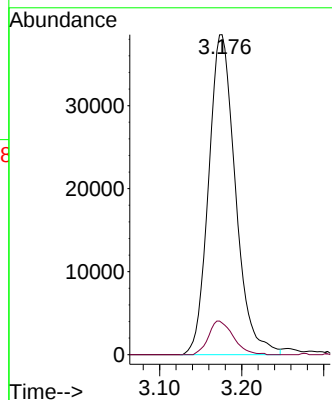
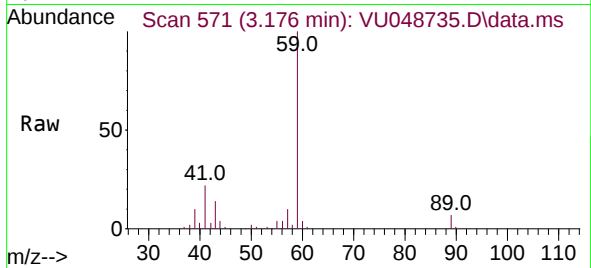




#11  
Tert butyl alcohol  
Concen: 91.348 ug/l  
RT: 3.176 min Scan# 51  
Delta R.T. -0.013 min  
Lab File: VU048735.D  
Acq: 31 May 2022 13:11

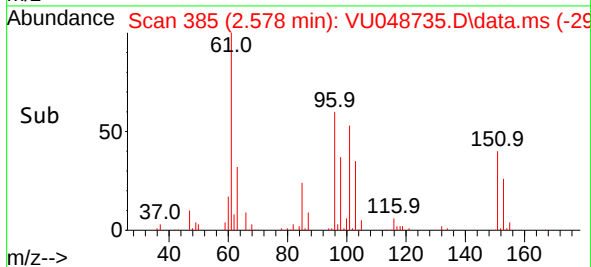
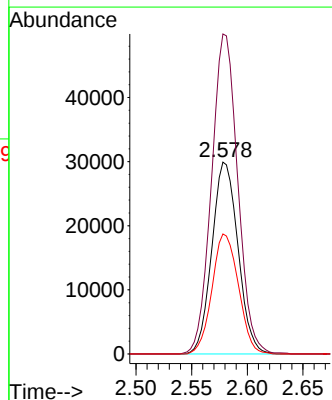
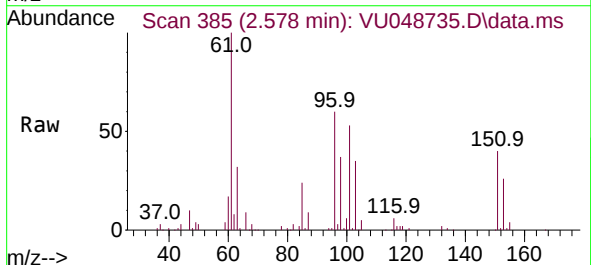
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0531MBS01

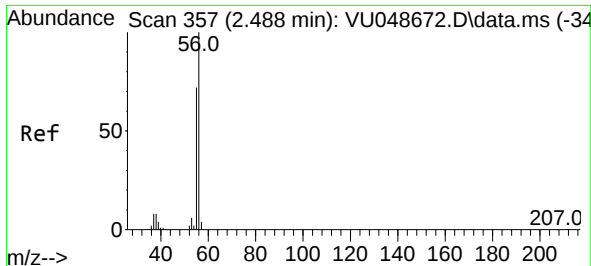
Tgt Ion: 59 Resp: 87621  
Ion Ratio Lower Upper  
59 100  
57 9.7 39.7 59.5#



#12  
1,1-Dichloroethene  
Concen: 19.031 ug/l  
RT: 2.578 min Scan# 385  
Delta R.T. -0.003 min  
Lab File: VU048735.D  
Acq: 31 May 2022 13:11

Tgt Ion: 96 Resp: 48796  
Ion Ratio Lower Upper  
96 100  
61 166.8 131.1 196.7  
98 62.5 51.8 77.8

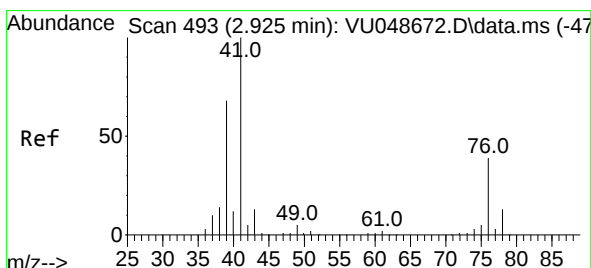
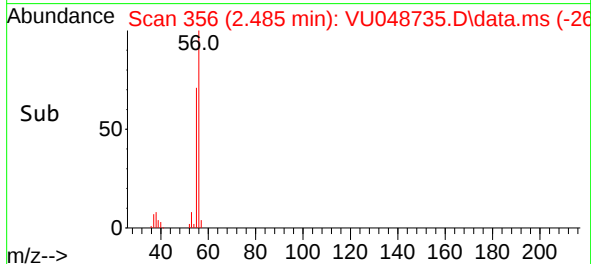
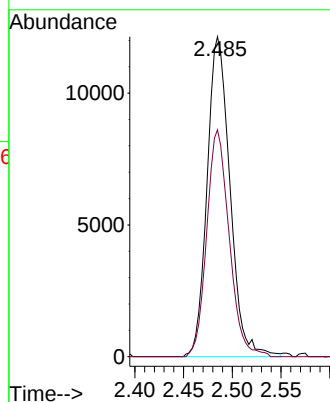
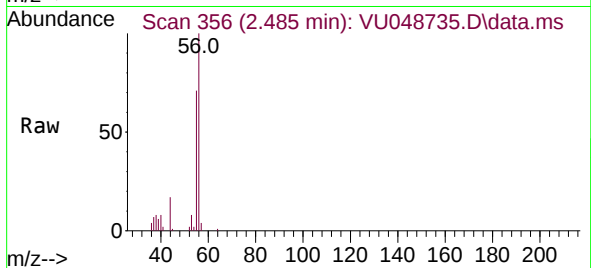




#13  
Acrolein  
Concen: 59.090 ug/l  
RT: 2.485 min Scan# 31  
Delta R.T. -0.003 min  
Lab File: VU048735.D  
Acq: 31 May 2022 13:11

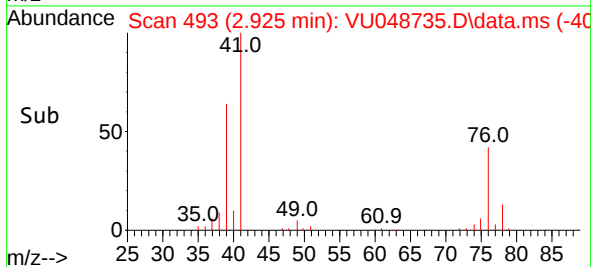
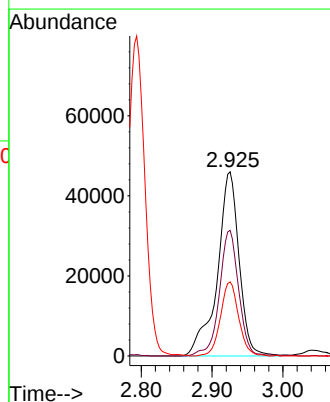
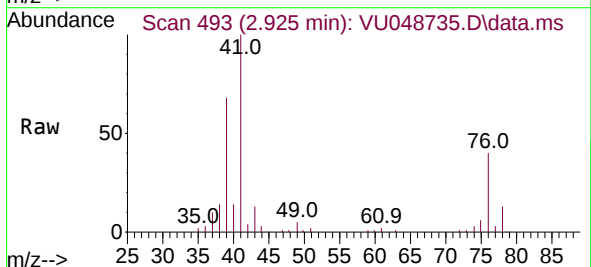
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0531MBS01

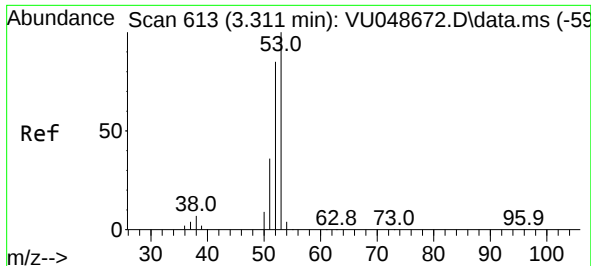
Tgt Ion: 56 Resp: 19814  
Ion Ratio Lower Upper  
56 100  
55 69.7 57.7 86.5



#14  
Allyl chloride  
Concen: 19.833 ug/l  
RT: 2.925 min Scan# 493  
Delta R.T. 0.000 min  
Lab File: VU048735.D  
Acq: 31 May 2022 13:11

Tgt Ion: 41 Resp: 98494  
Ion Ratio Lower Upper  
41 100  
39 60.2 48.6 72.8  
76 33.5 27.0 40.4

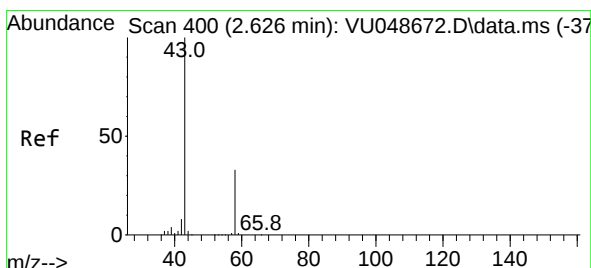
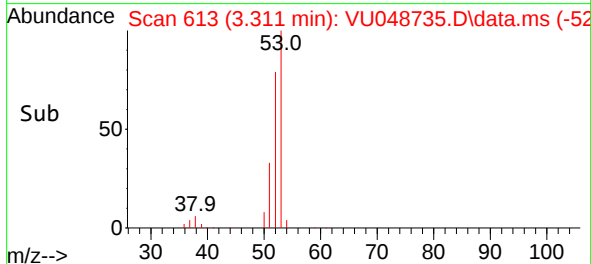
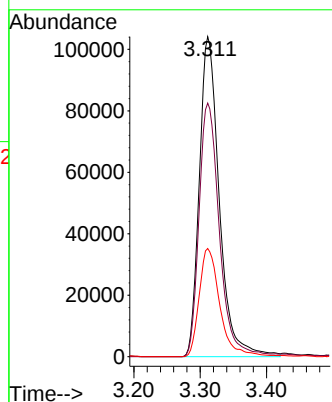
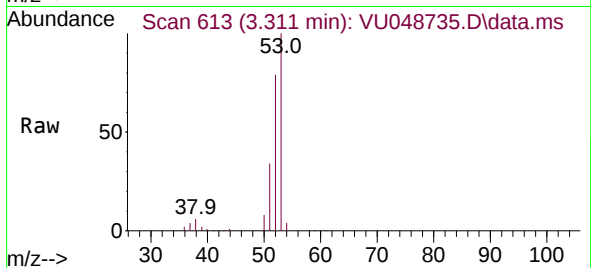




#15  
Acrylonitrile  
Concen: 104.972 ug/l  
RT: 3.311 min Scan# 613  
Delta R.T. 0.000 min  
Lab File: VU048735.D  
Acq: 31 May 2022 13:11

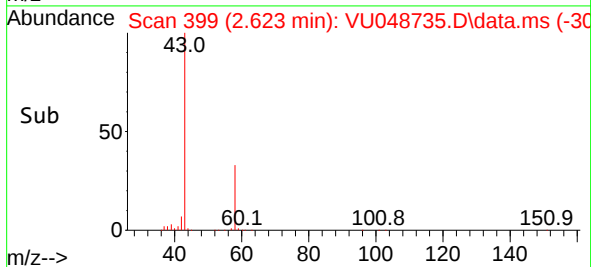
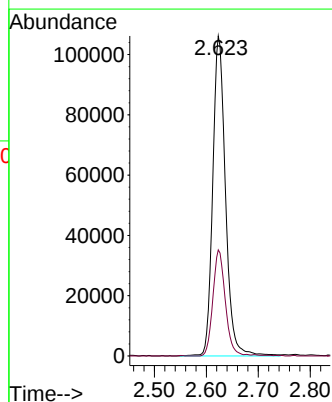
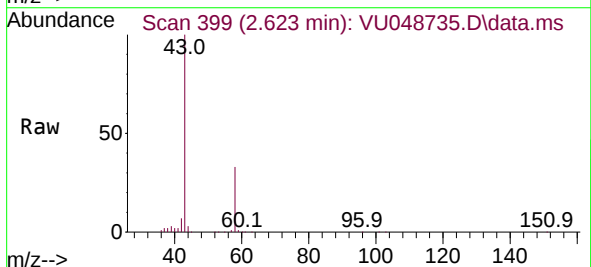
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0531MBS01

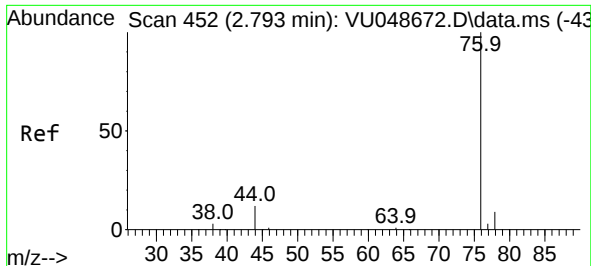
Tgt Ion: 53 Resp: 218376  
Ion Ratio Lower Upper  
53 100  
52 80.4 66.3 99.5  
51 35.0 28.6 42.8



#16  
Acetone  
Concen: 94.149 ug/l  
RT: 2.623 min Scan# 399  
Delta R.T. -0.003 min  
Lab File: VU048735.D  
Acq: 31 May 2022 13:11

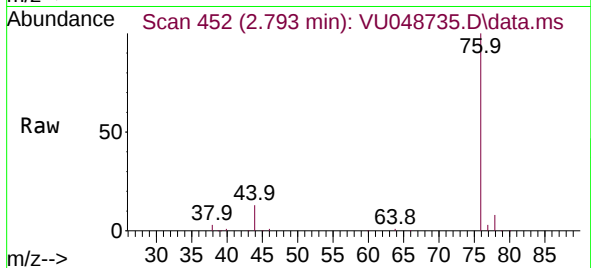
Tgt Ion: 43 Resp: 181530  
Ion Ratio Lower Upper  
43 100  
58 33.0 26.3 39.5



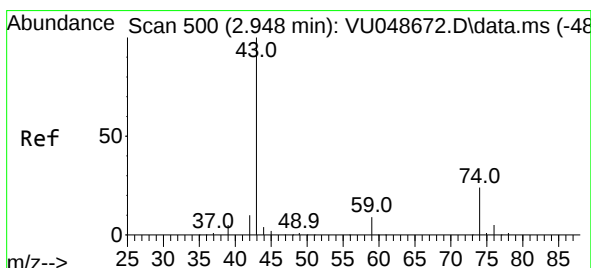
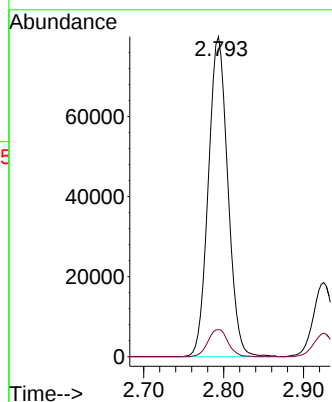
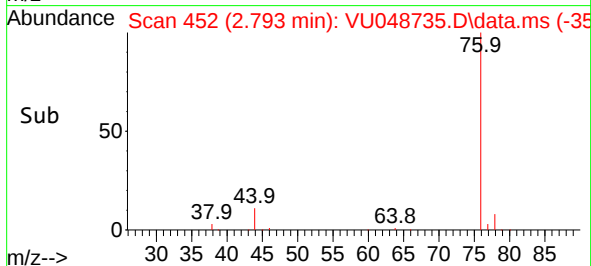


#17  
Carbon Disulfide  
Concen: 18.069 ug/l  
RT: 2.793 min Scan# 41  
Delta R.T. 0.000 min  
Lab File: VU048735.D  
Acq: 31 May 2022 13:11

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0531MBS01

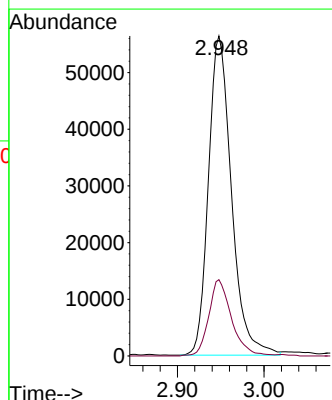
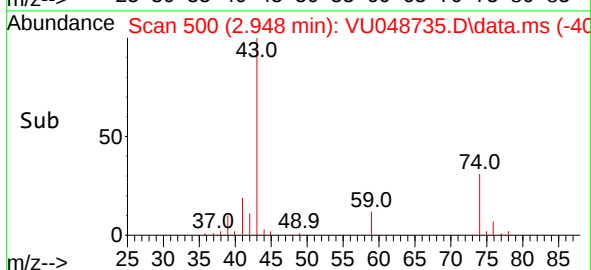
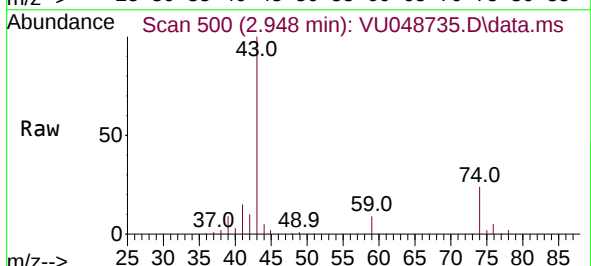


Tgt Ion: 76 Resp: 135247  
Ion Ratio Lower Upper  
76 100  
78 8.5 7.3 10.9



#18  
Methyl Acetate  
Concen: 21.519 ug/l  
RT: 2.948 min Scan# 500  
Delta R.T. 0.000 min  
Lab File: VU048735.D  
Acq: 31 May 2022 13:11

Tgt Ion: 43 Resp: 104173  
Ion Ratio Lower Upper  
43 100  
74 23.6 19.2 28.8





#19

Methyl tert-butyl Ether

Concen: 20.066 ug/l

RT: 3.366 min Scan# 61

Delta R.T. 0.003 min

Lab File: VU048735.D

Acq: 31 May 2022 13:11

Instrument :

MSVOA\_U

ClientSampleId :

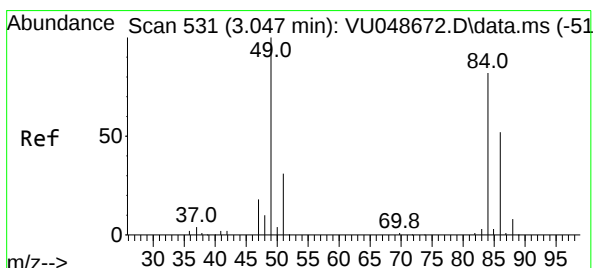
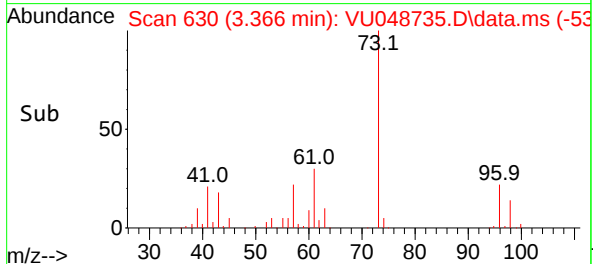
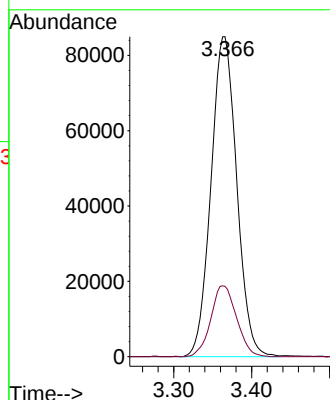
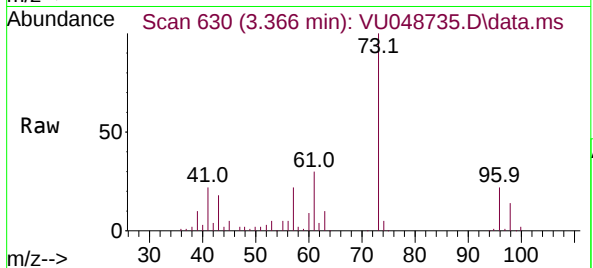
VU0531MBS01

Tgt Ion: 73 Resp: 195218

Ion Ratio Lower Upper

73 100

57 22.0 17.1 25.7



#20

Methylene Chloride

Concen: 18.914 ug/l

RT: 3.044 min Scan# 530

Delta R.T. -0.003 min

Lab File: VU048735.D

Acq: 31 May 2022 13:11

Tgt Ion: 84 Resp: 62015

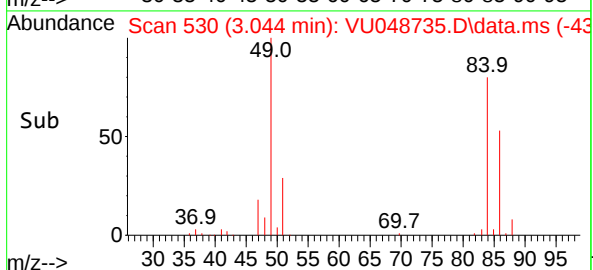
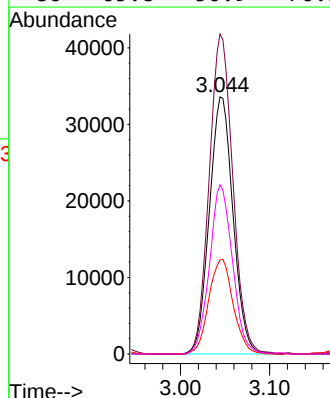
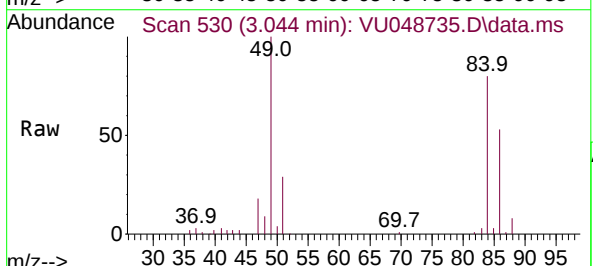
Ion Ratio Lower Upper

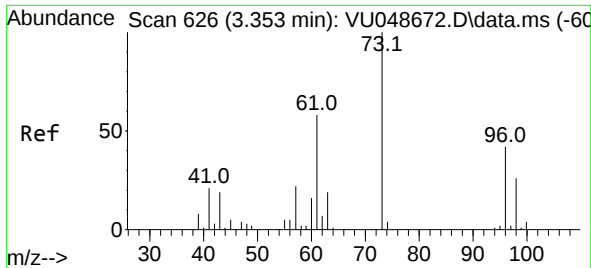
84 100

49 124.5 97.0 145.4

51 36.6 29.8 44.8

86 65.8 50.9 76.3

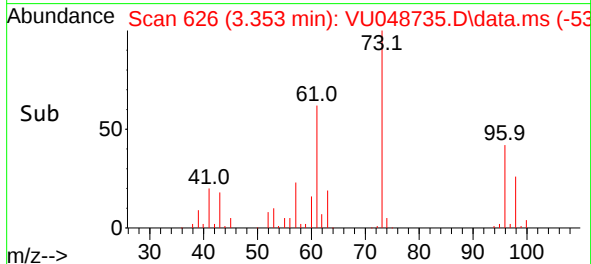
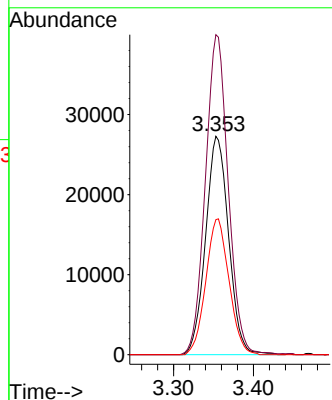
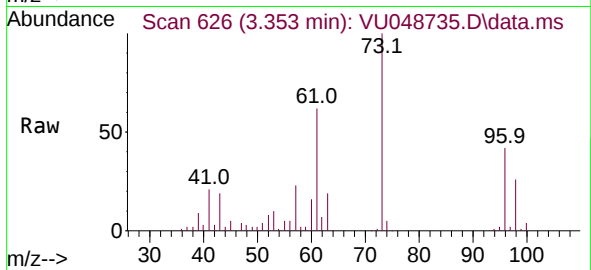




#21  
trans-1,2-Dichloroethene  
Concen: 18.636 ug/l  
RT: 3.353 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VU048735.D  
Acq: 31 May 2022 13:11

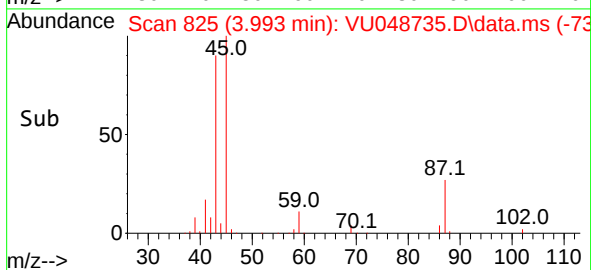
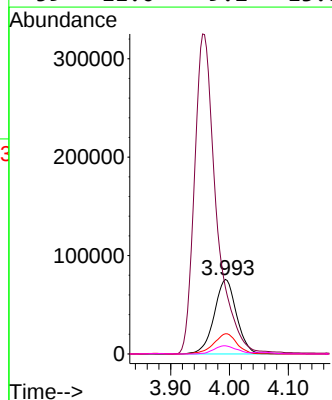
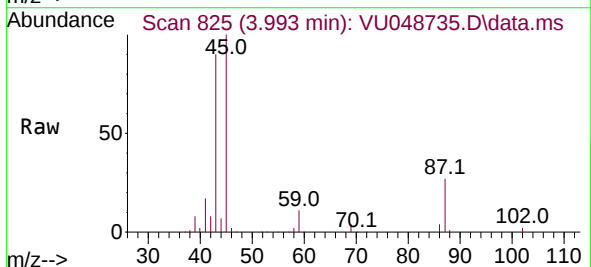
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0531MBS01

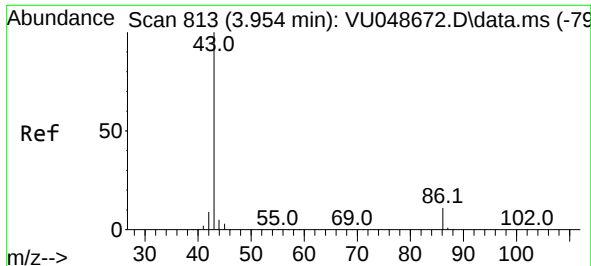
Tgt Ion: 96 Resp: 54659  
Ion Ratio Lower Upper  
96 100  
61 146.6 109.4 164.2  
98 61.9 48.9 73.3



#22  
Diisopropyl ether  
Concen: 21.805 ug/l  
RT: 3.993 min Scan# 825  
Delta R.T. 0.000 min  
Lab File: VU048735.D  
Acq: 31 May 2022 13:11

Tgt Ion: 45 Resp: 199747  
Ion Ratio Lower Upper  
45 100  
43 87.5 65.2 97.8  
87 27.1 22.7 34.1  
59 11.0 9.2 13.8

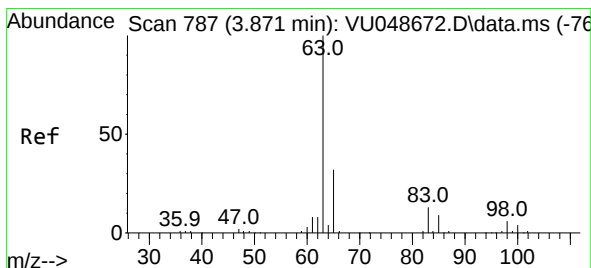
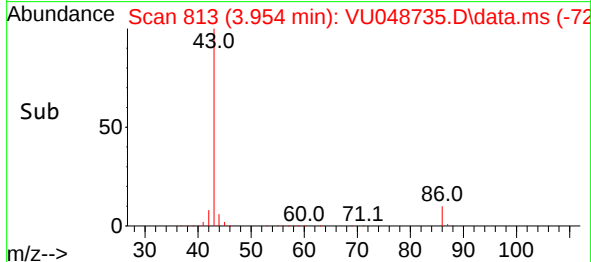
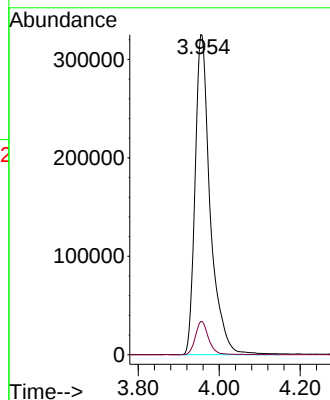
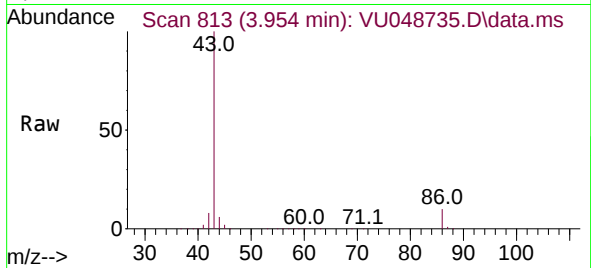




#23  
 Vinyl Acetate  
 Concen: 106.395 ug/l  
 RT: 3.954 min Scan# 813  
 Delta R.T. 0.000 min  
 Lab File: VU048735.D  
 Acq: 31 May 2022 13:11

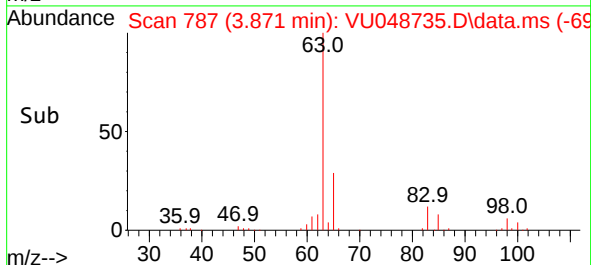
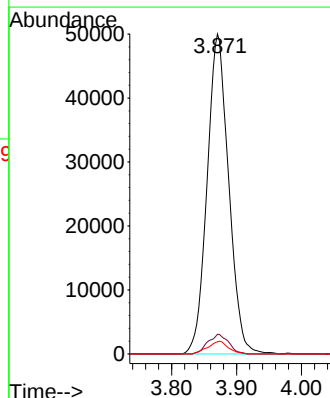
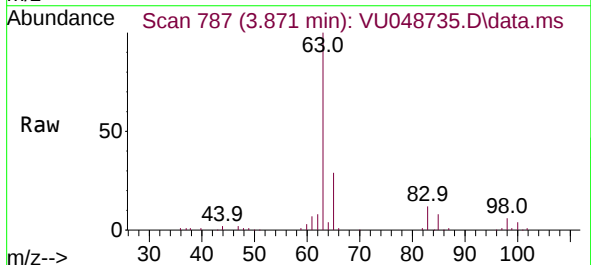
Instrument :  
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 ClientSampleId :  
 VU0531MBS01

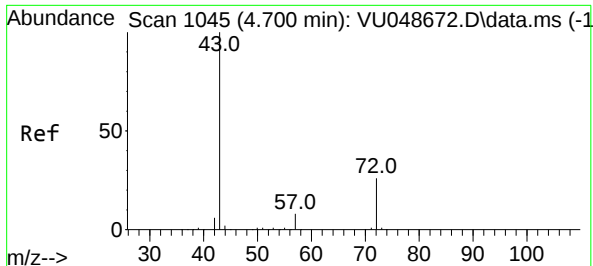
Tgt Ion: 43 Resp: 844453  
 Ion Ratio Lower Upper  
 43 100  
 86 10.4 8.4 12.6



#24  
 1,1-Dichloroethane  
 Concen: 20.062 ug/l  
 RT: 3.871 min Scan# 787  
 Delta R.T. 0.000 min  
 Lab File: VU048735.D  
 Acq: 31 May 2022 13:11

Tgt Ion: 63 Resp: 115424  
 Ion Ratio Lower Upper  
 63 100  
 98 6.1 3.1 9.3  
 100 3.8 2.0 5.8





#25

2-Butanone

Concen: 102.003 ug/l

RT: 4.700 min Scan# 1045

Delta R.T. 0.000 min

Lab File: VU048735.D

Acq: 31 May 2022 13:11

Instrument :

MSVOA\_U

ClientSampleId :

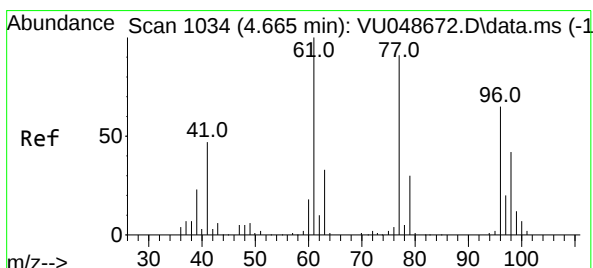
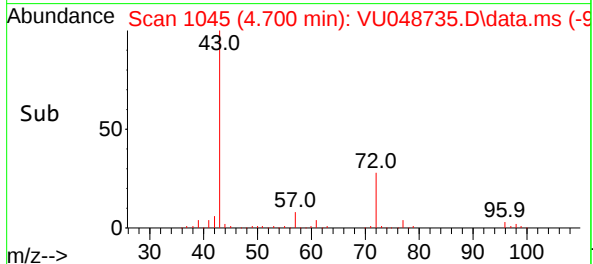
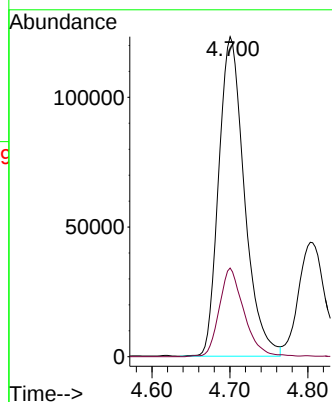
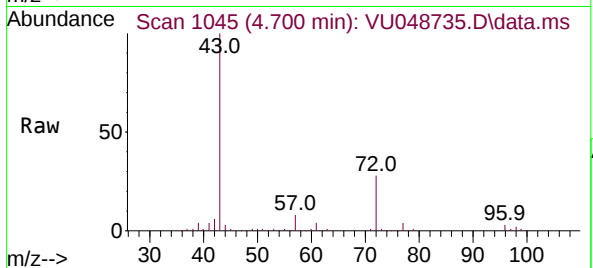
VU0531MBS01

Tgt Ion: 43 Resp: 282541

Ion Ratio Lower Upper

43 100

72 27.7 21.1 31.7



#26

2,2-Dichloropropane

Concen: 17.637 ug/l

RT: 4.668 min Scan# 1035

Delta R.T. 0.003 min

Lab File: VU048735.D

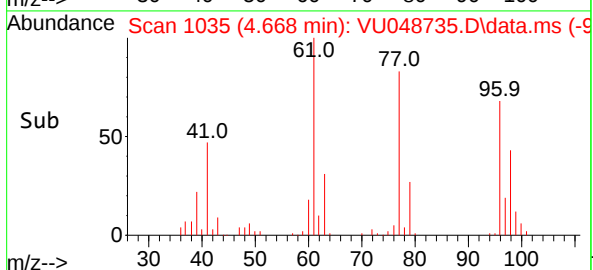
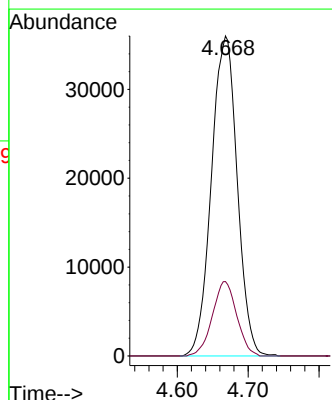
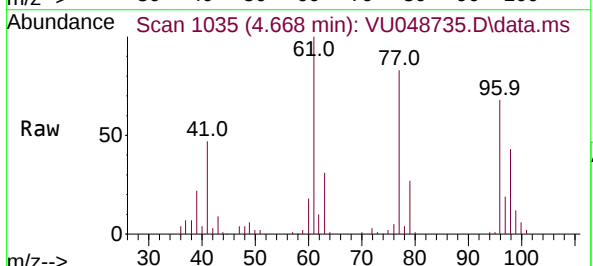
Acq: 31 May 2022 13:11

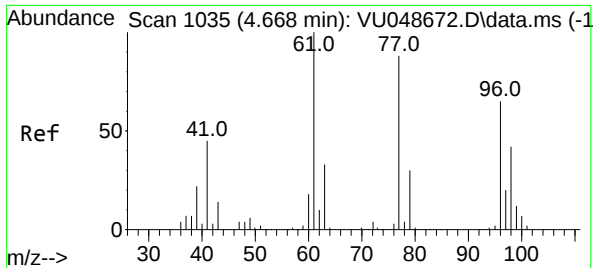
Tgt Ion: 77 Resp: 91033

Ion Ratio Lower Upper

77 100

97 22.0 11.1 33.1

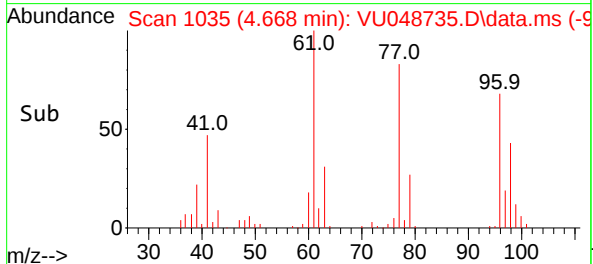
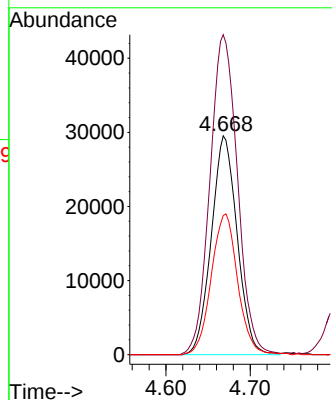
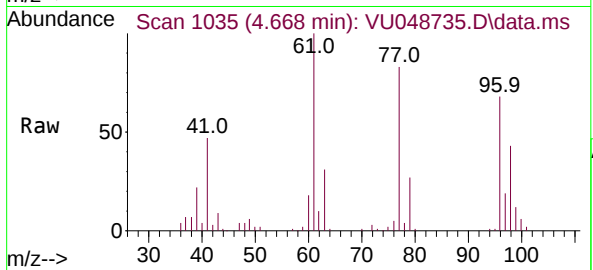




#27  
 cis-1,2-Dichloroethene  
 Concen: 18.552 ug/l  
 RT: 4.668 min Scan# 1035  
 Delta R.T. 0.000 min  
 Lab File: VU048735.D  
 Acq: 31 May 2022 13:11

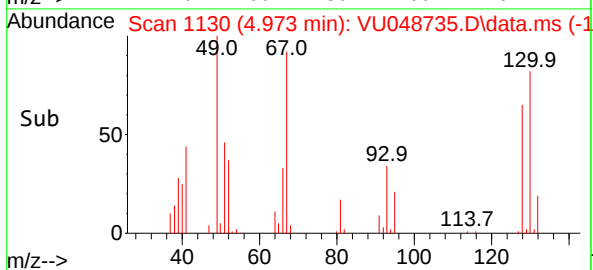
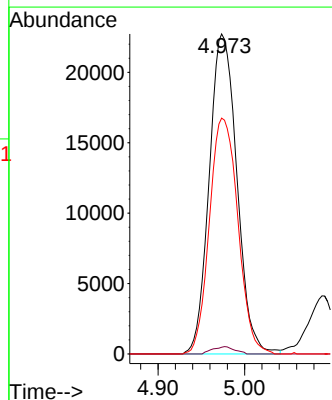
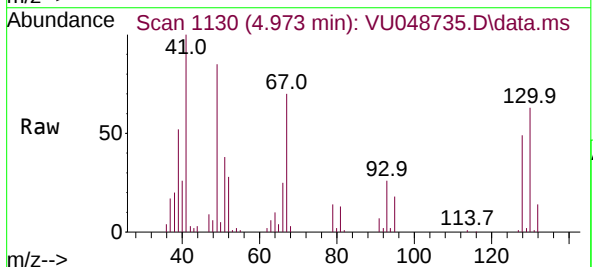
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0531MBS01

Tgt Ion: 96 Resp: 62981  
 Ion Ratio Lower Upper  
 96 100  
 61 155.5 0.0 306.2  
 98 65.6 0.0 130.4



#28  
 Bromochloromethane  
 Concen: 22.359 ug/l  
 RT: 4.973 min Scan# 1130  
 Delta R.T. 0.000 min  
 Lab File: VU048735.D  
 Acq: 31 May 2022 13:11

Tgt Ion: 49 Resp: 50458  
 Ion Ratio Lower Upper  
 49 100  
 129 1.8 0.0 4.0  
 130 75.8 62.1 93.1





#29

Tetrahydrofuran

Concen: 107.263 ug/l

RT: 5.051 min Scan# 1154

Delta R.T. 0.000 min

Lab File: VU048735.D

Acq: 31 May 2022 13:11

Instrument :

MSVOA\_U

ClientSampleId :

VU0531MBS01

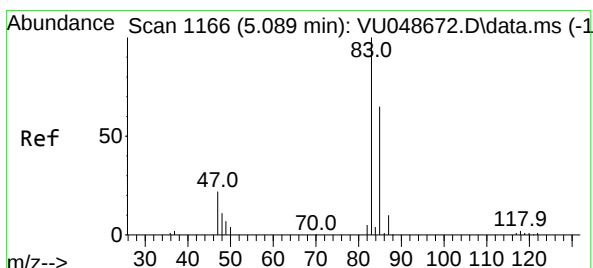
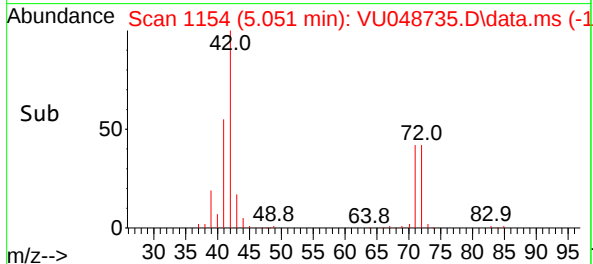
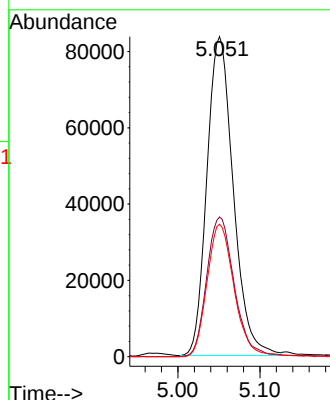
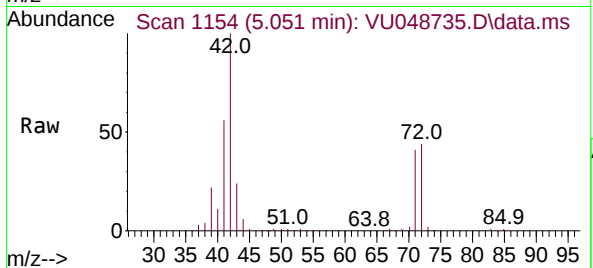
Tgt Ion: 42 Resp: 187148

Ion Ratio Lower Upper

42 100

72 45.8 37.6 56.4

71 42.7 35.0 52.4



#30

Chloroform

Concen: 19.852 ug/l

RT: 5.092 min Scan# 1167

Delta R.T. 0.003 min

Lab File: VU048735.D

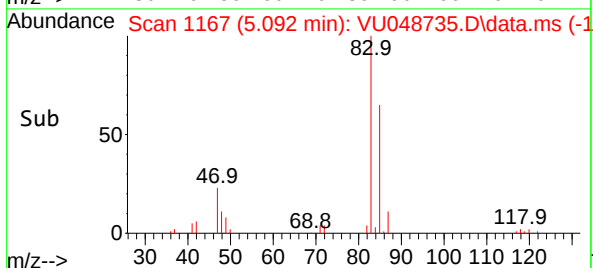
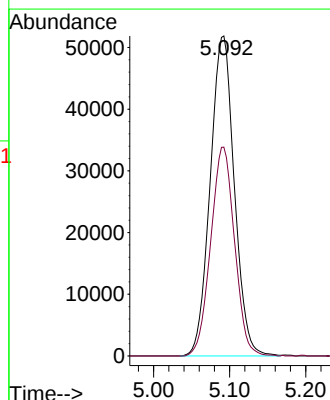
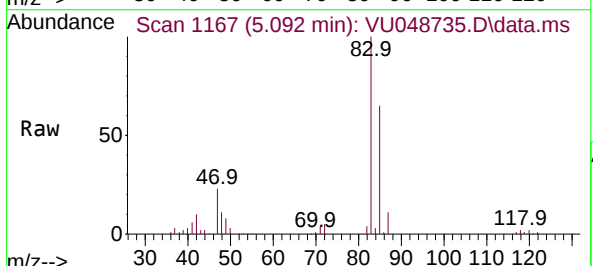
Acq: 31 May 2022 13:11

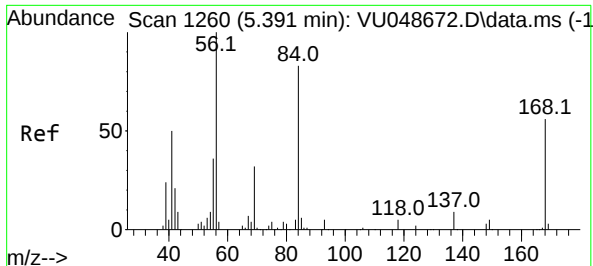
Tgt Ion: 83 Resp: 114281

Ion Ratio Lower Upper

83 100

85 65.3 52.2 78.2

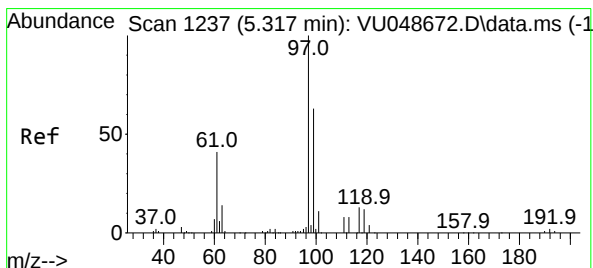
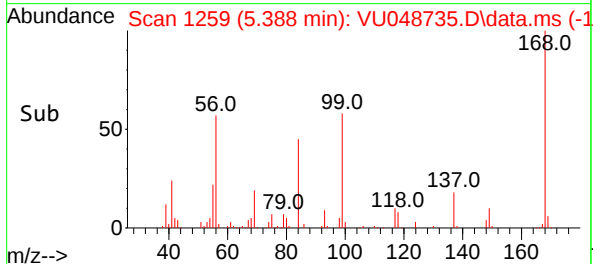
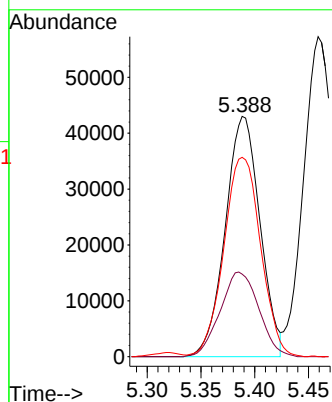
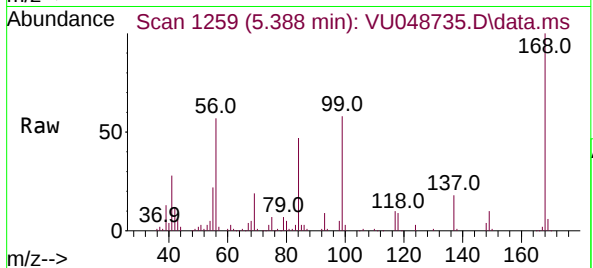




#31  
Cyclohexane  
Concen: 20.252 ug/l  
RT: 5.388 min Scan# 1259  
Delta R.T. -0.003 min  
Lab File: VU048735.D  
Acq: 31 May 2022 13:11

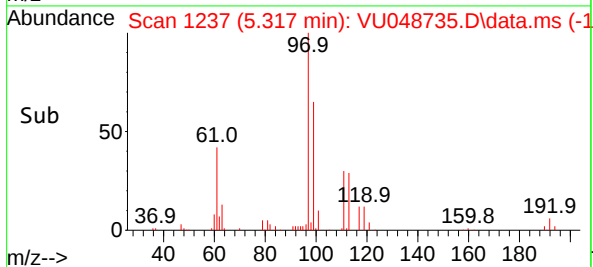
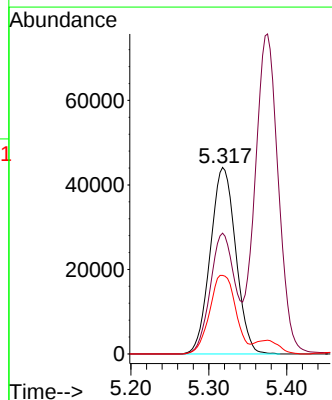
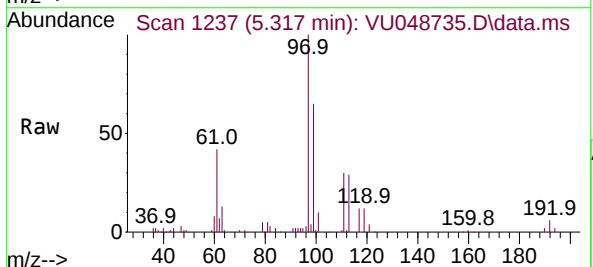
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0531MBS01

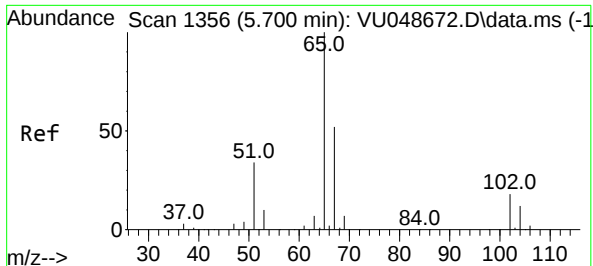
Tgt Ion: 56 Resp: 96559  
Ion Ratio Lower Upper  
56 100  
69 34.4 25.6 38.4  
84 81.9 66.2 99.4



#32  
1,1,1-Trichloroethane  
Concen: 19.170 ug/l  
RT: 5.317 min Scan# 1237  
Delta R.T. 0.000 min  
Lab File: VU048735.D  
Acq: 31 May 2022 13:11

Tgt Ion: 97 Resp: 100122  
Ion Ratio Lower Upper  
97 100  
99 63.1 51.6 77.4  
61 43.4 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 49.204 ug/l

RT: 5.703 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU048735.D

Acq: 31 May 2022 13:11

Instrument :

MSVOA\_U

ClientSampleId :

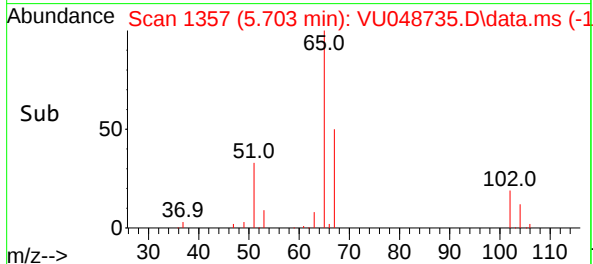
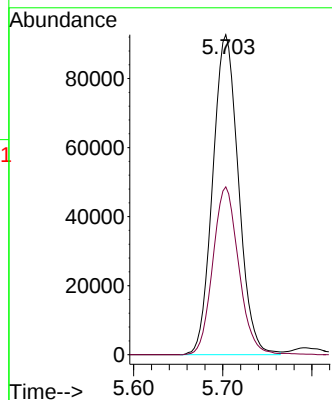
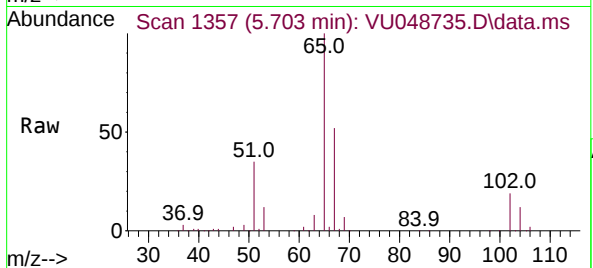
VU0531MBS01

Tgt Ion: 65 Resp: 186158

Ion Ratio Lower Upper

65 100

67 52.6 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.250 min Scan# 1527

Delta R.T. -0.000 min

Lab File: VU048735.D

Acq: 31 May 2022 13:11

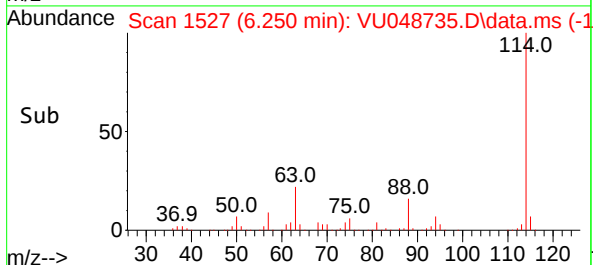
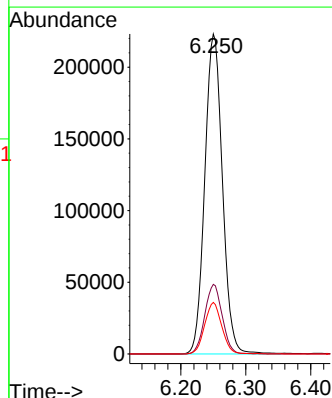
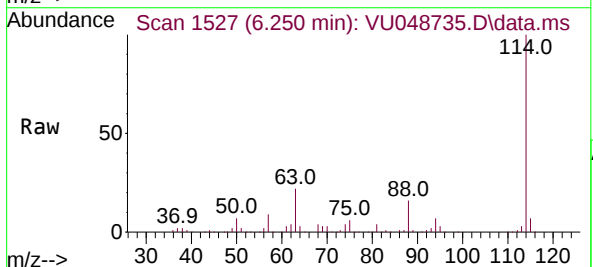
Tgt Ion: 114 Resp: 422140

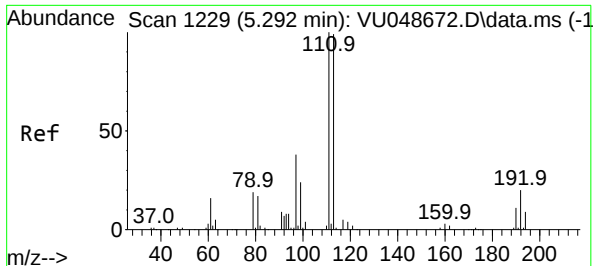
Ion Ratio Lower Upper

114 100

63 21.8 0.0 42.6

88 16.1 0.0 32.2





#35

Dibromofluoromethane

Concen: 47.879 ug/l

RT: 5.292 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU048735.D

Acq: 31 May 2022 13:11

Instrument :

MSVOA\_U

ClientSampleId :

VU0531MBS01

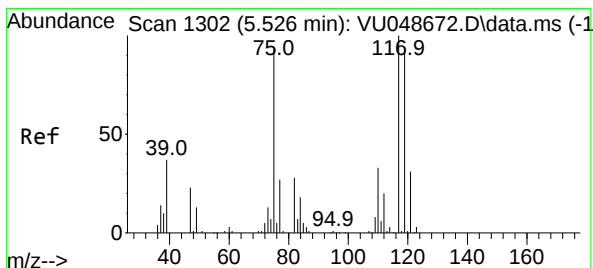
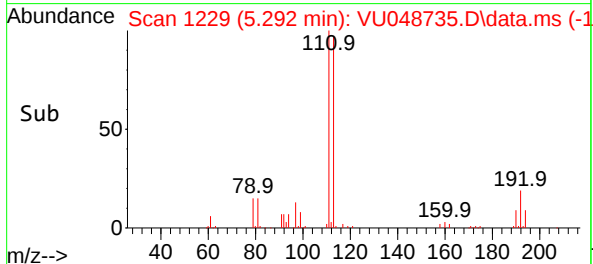
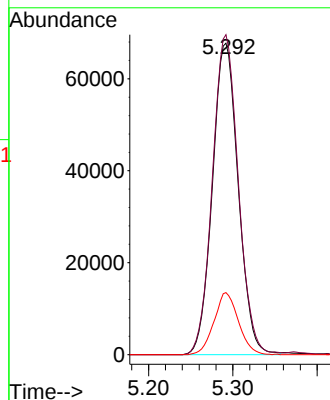
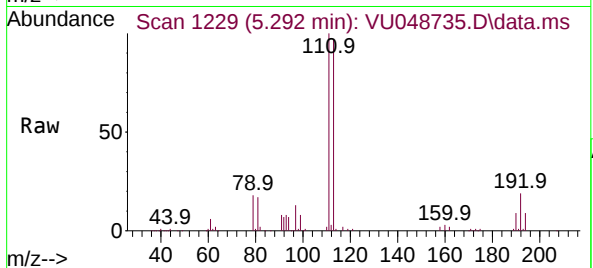
Tgt Ion:113 Resp: 144195

Ion Ratio Lower Upper

113 100

111 103.3 80.7 121.1

192 18.8 15.9 23.9



#36

1,1-Dichloropropene

Concen: 17.812 ug/l

RT: 5.527 min Scan# 1302

Delta R.T. 0.000 min

Lab File: VU048735.D

Acq: 31 May 2022 13:11

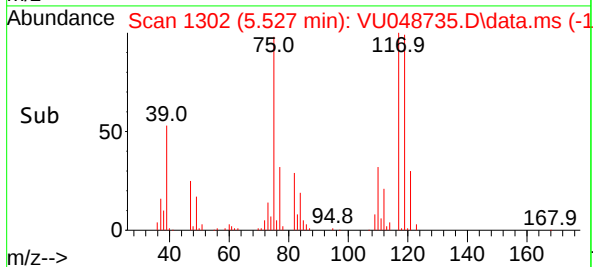
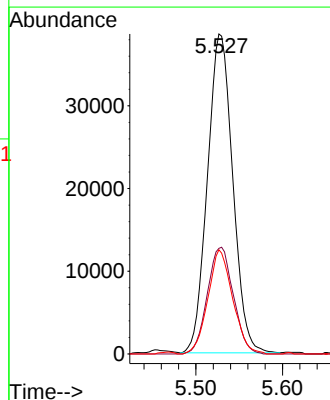
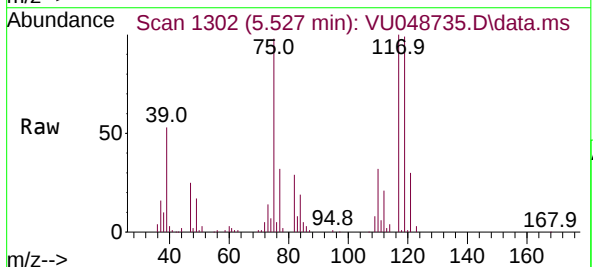
Tgt Ion: 75 Resp: 78292

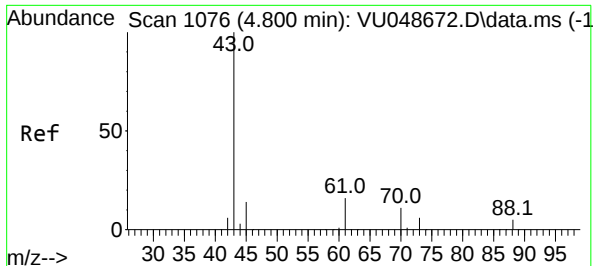
Ion Ratio Lower Upper

75 100

110 34.3 17.4 52.3

77 32.0 24.8 37.2





#37

Ethyl Acetate

Concen: 18.316 ug/l

RT: 4.803 min Scan# 1077

Delta R.T. 0.003 min

Lab File: VU048735.D

Acq: 31 May 2022 13:11

Instrument :

MSVOA\_U

ClientSampleId :

VU0531MBS01

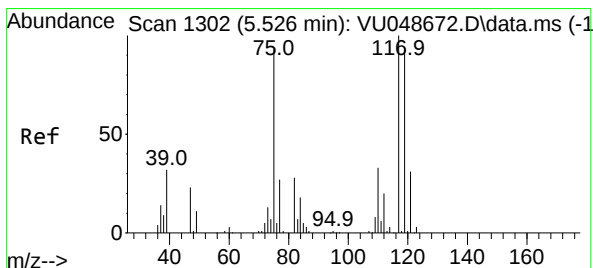
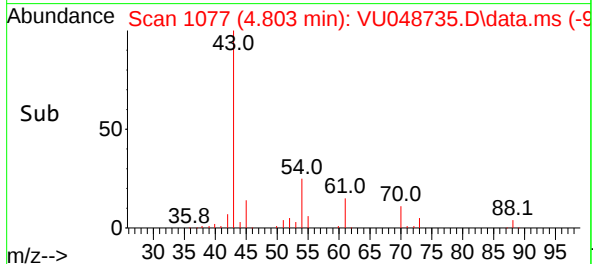
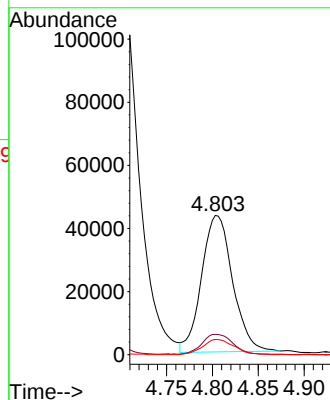
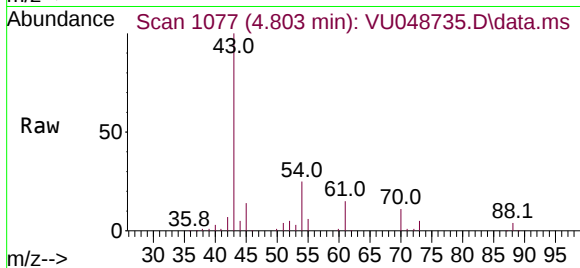
Tgt Ion: 43 Resp: 101773

Ion Ratio Lower Upper

43 100

61 15.3 11.7 17.5

70 11.2 8.4 12.6



#38

Carbon Tetrachloride

Concen: 17.087 ug/l

RT: 5.527 min Scan# 1302

Delta R.T. 0.000 min

Lab File: VU048735.D

Acq: 31 May 2022 13:11

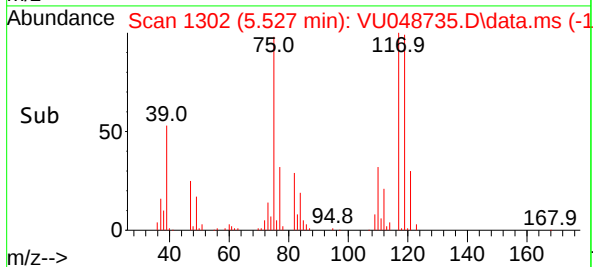
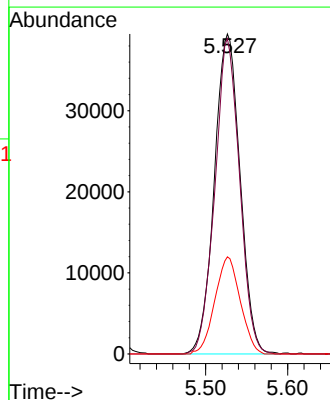
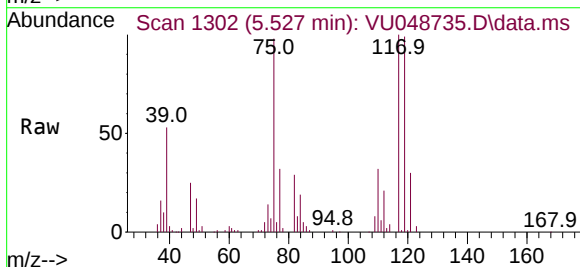
Tgt Ion: 117 Resp: 86163

Ion Ratio Lower Upper

117 100

119 98.6 75.4 113.2

121 30.4 24.6 36.8





#39

Methylcyclohexane

Concen: 18.828 ug/l

RT: 6.764 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU048735.D

Acq: 31 May 2022 13:11

Instrument :

MSVOA\_U

ClientSampleId :

VU0531MBS01

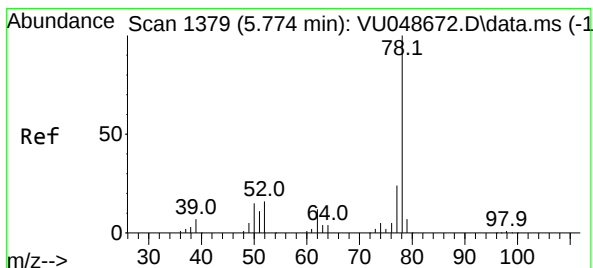
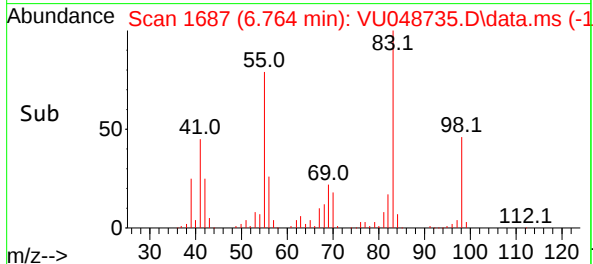
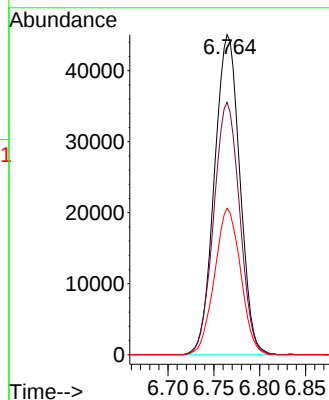
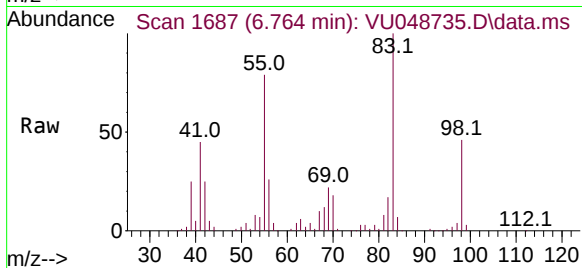
Tgt Ion: 83 Resp: 86773

Ion Ratio Lower Upper

83 100

55 78.9 61.0 91.6

98 45.7 36.8 55.2



#40

Benzene

Concen: 18.711 ug/l

RT: 5.774 min Scan# 1379

Delta R.T. 0.000 min

Lab File: VU048735.D

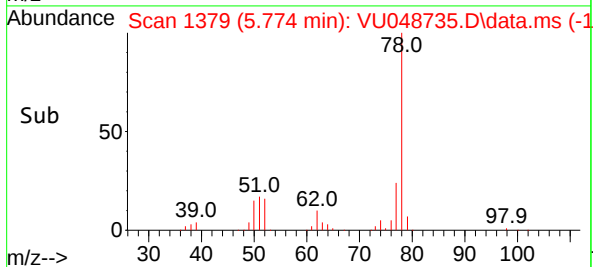
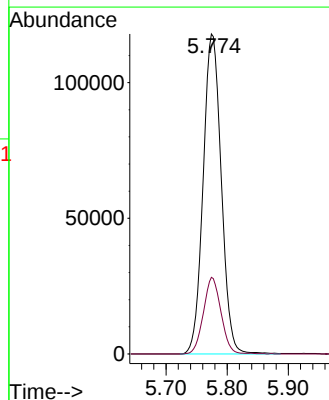
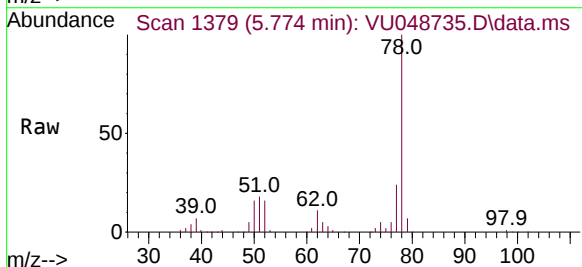
Acq: 31 May 2022 13:11

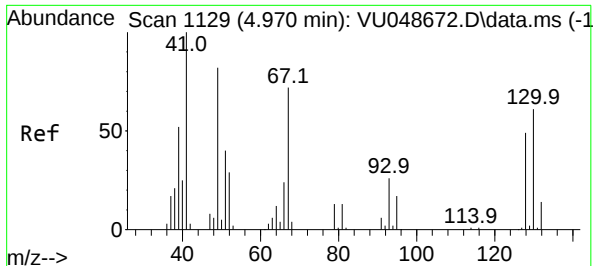
Tgt Ion: 78 Resp: 242800

Ion Ratio Lower Upper

78 100

77 24.0 19.0 28.6



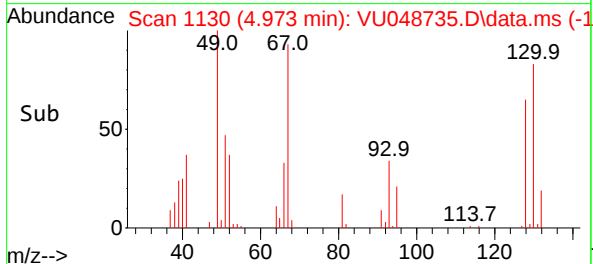
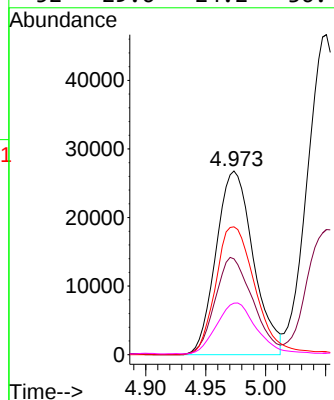
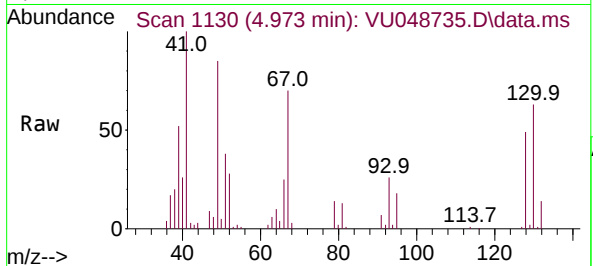


#41  
Methacrylonitrile  
Concen: 20.667 ug/l  
RT: 4.973 min Scan# 1129  
Delta R.T. 0.003 min  
Lab File: VU048735.D  
Acq: 31 May 2022 13:11

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0531MBS01

Tgt Ion: 41 Resp: 58032

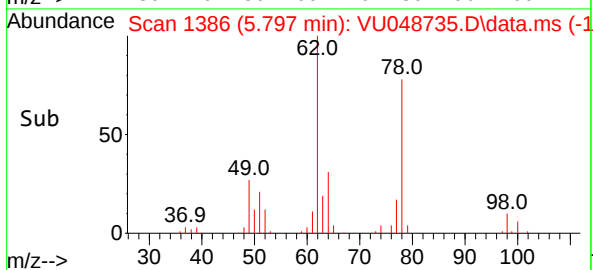
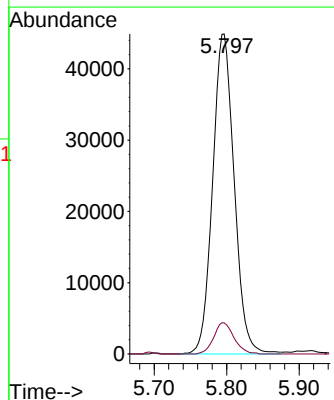
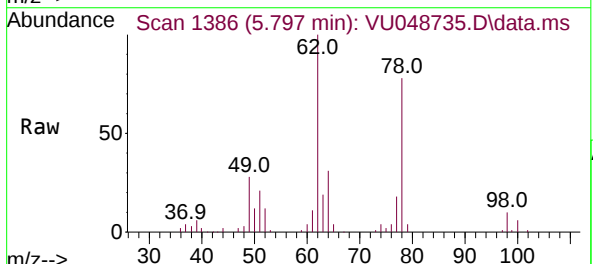
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 53.6  | 42.6  | 64.0  |
| 67  | 74.6  | 61.0  | 91.4  |
| 52  | 29.6  | 24.2  | 36.4  |

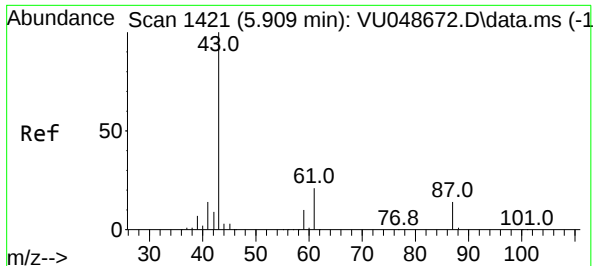


#42  
1,2-Dichloroethane  
Concen: 18.232 ug/l  
RT: 5.797 min Scan# 1386  
Delta R.T. 0.004 min  
Lab File: VU048735.D  
Acq: 31 May 2022 13:11

Tgt Ion: 62 Resp: 92615

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 9.2   | 0.0   | 17.0  |

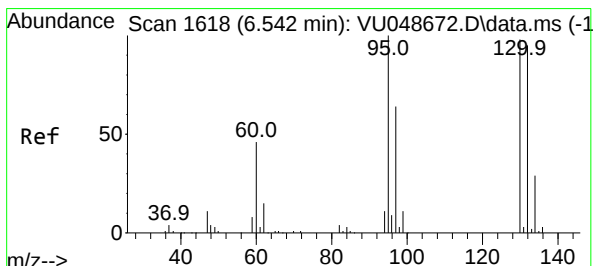
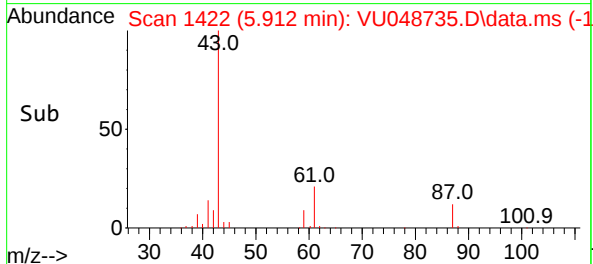
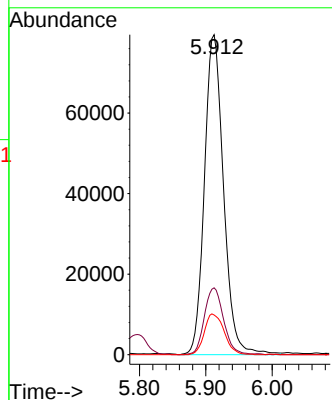
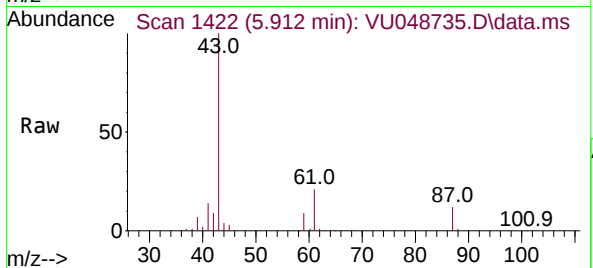




#43  
Isopropyl Acetate  
Concen: 19.750 ug/l  
RT: 5.912 min Scan# 1421  
Delta R.T. 0.003 min  
Lab File: VU048735.D  
Acq: 31 May 2022 13:11

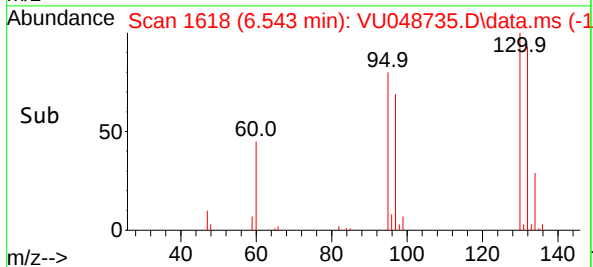
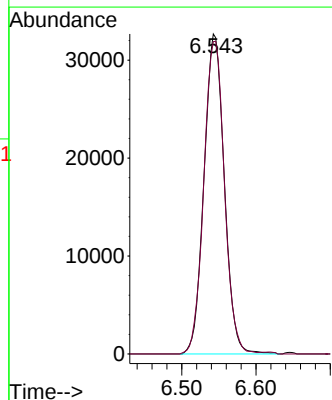
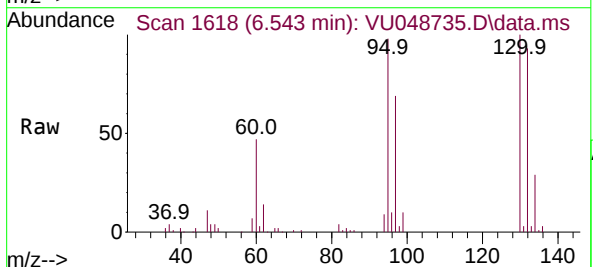
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0531MBS01

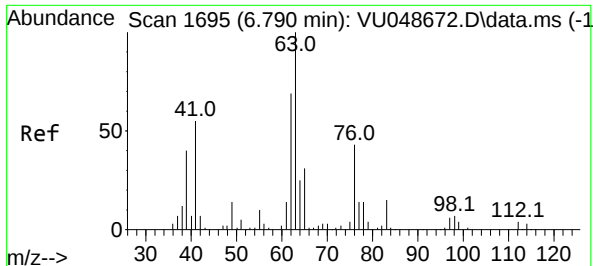
Tgt Ion: 43 Resp: 159283  
Ion Ratio Lower Upper  
43 100  
61 20.9 16.7 25.1  
87 13.2 10.9 16.3



#44  
Trichloroethene  
Concen: 18.534 ug/l  
RT: 6.543 min Scan# 1618  
Delta R.T. 0.000 min  
Lab File: VU048735.D  
Acq: 31 May 2022 13:11

Tgt Ion:130 Resp: 61963  
Ion Ratio Lower Upper  
130 100  
95 97.6 0.0 204.8





#45

1,2-Dichloropropane

Concen: 20.543 ug/l

RT: 6.790 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU048735.D

Acq: 31 May 2022 13:11

Instrument :

MSVOA\_U

ClientSampleId :

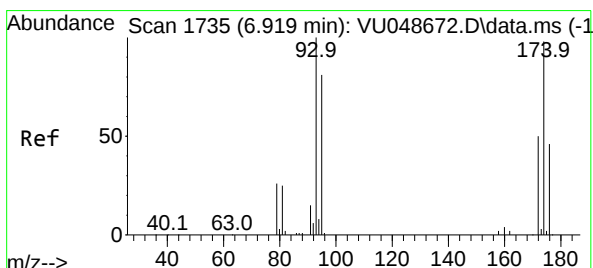
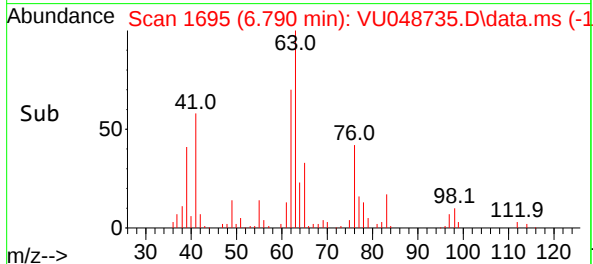
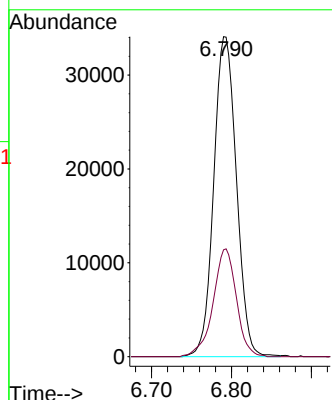
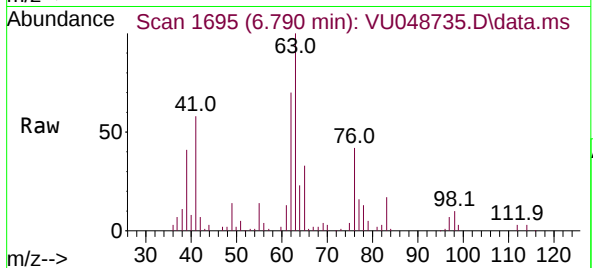
VU0531MBS01

Tgt Ion: 63 Resp: 67111

Ion Ratio Lower Upper

63 100

65 33.4 24.8 37.2



#46

Dibromomethane

Concen: 19.136 ug/l

RT: 6.919 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VU048735.D

Acq: 31 May 2022 13:11

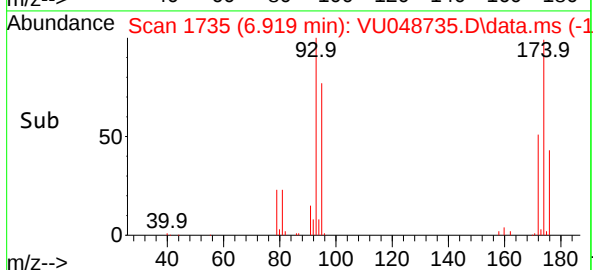
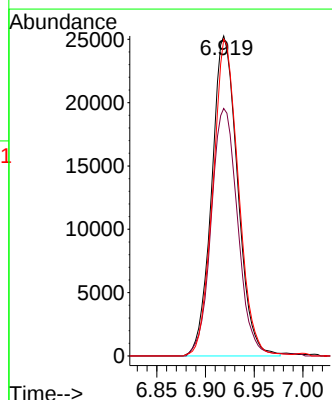
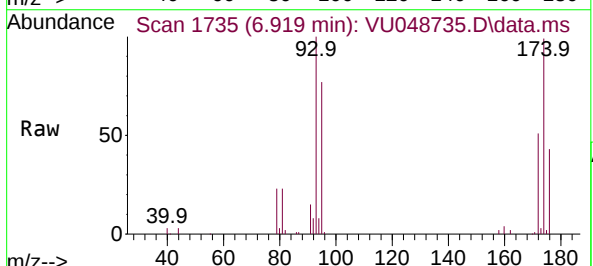
Tgt Ion: 93 Resp: 46706

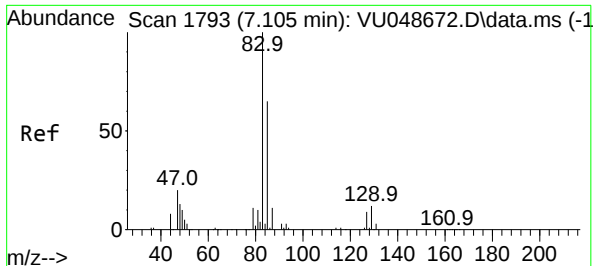
Ion Ratio Lower Upper

93 100

95 79.2 65.1 97.7

174 97.6 77.8 116.6

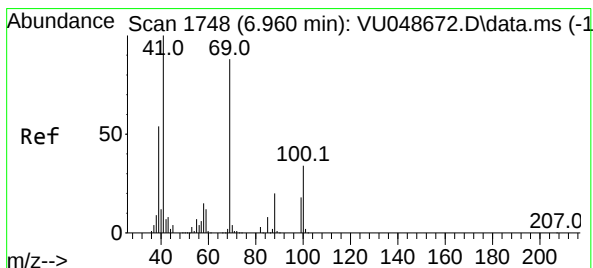
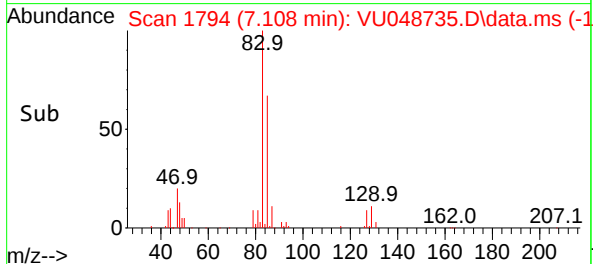
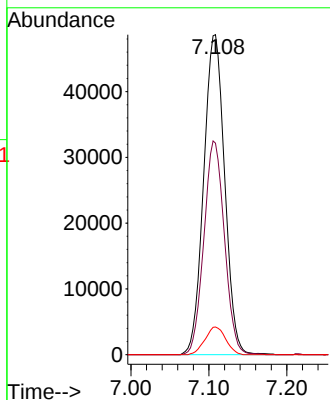
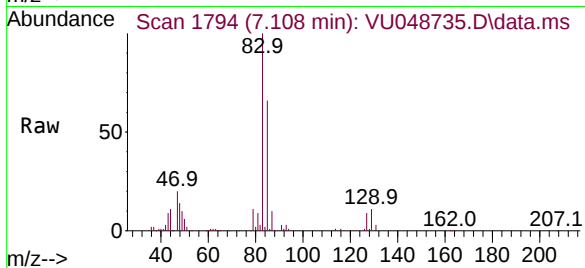




#47  
Bromodichloromethane  
Concen: 18.454 ug/l  
RT: 7.108 min Scan# 1793  
Delta R.T. 0.003 min  
Lab File: VU048735.D  
Acq: 31 May 2022 13:11

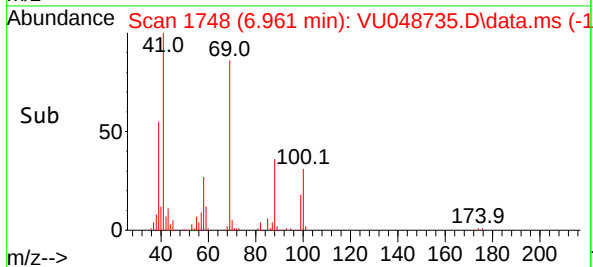
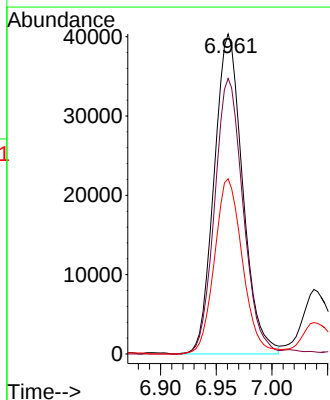
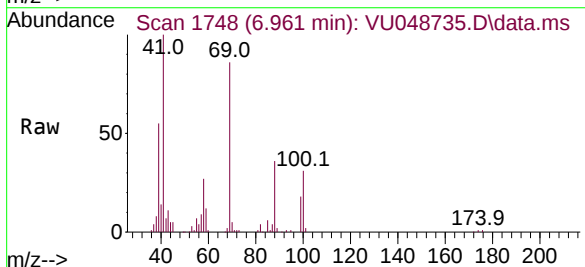
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0531MBS01

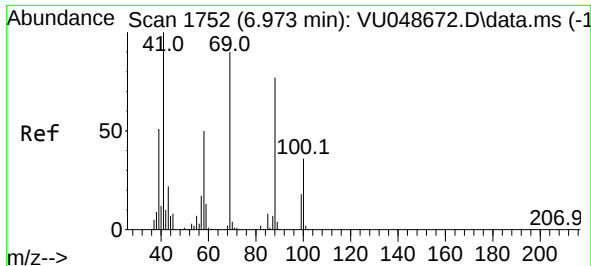
Tgt Ion: 83 Resp: 91084  
Ion Ratio Lower Upper  
83 100  
85 66.1 52.1 78.1  
127 8.6 6.9 10.3



#48  
Methyl methacrylate  
Concen: 19.879 ug/l  
RT: 6.961 min Scan# 1748  
Delta R.T. 0.000 min  
Lab File: VU048735.D  
Acq: 31 May 2022 13:11

Tgt Ion: 41 Resp: 71971  
Ion Ratio Lower Upper  
41 100  
69 85.9 70.7 106.1  
39 53.9 43.4 65.2





#49

1,4-Dioxane

Concen: 354.124 ug/l

RT: 6.961 min Scan# 1

Delta R.T. -0.013 min

Lab File: VU048735.D

Acq: 31 May 2022 13:11

Instrument :

MSVOA\_U

ClientSampleId :

VU0531MBS01

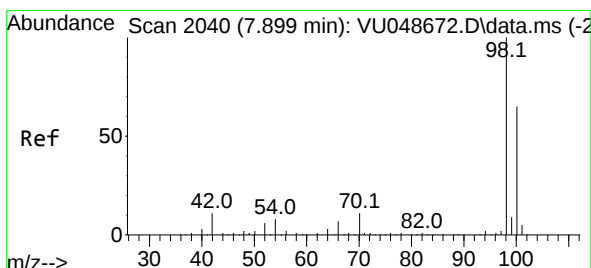
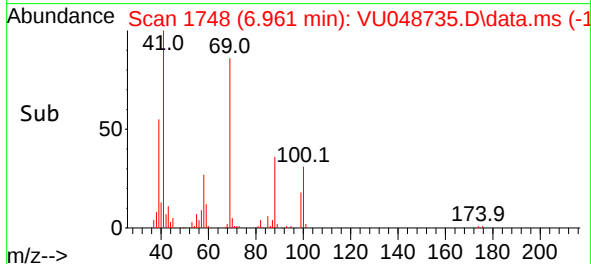
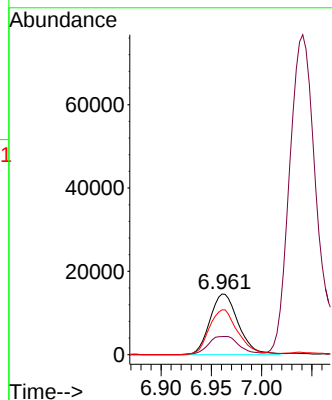
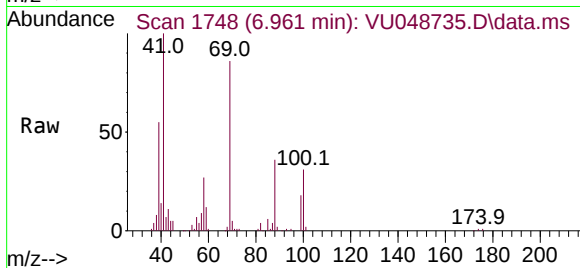
Tgt Ion: 88 Resp: 28661

Ion Ratio Lower Upper

88 100

43 33.0 24.6 36.8

58 74.8 54.7 82.1



#50

Toluene-d8

Concen: 47.834 ug/l

RT: 7.899 min Scan# 2040

Delta R.T. 0.000 min

Lab File: VU048735.D

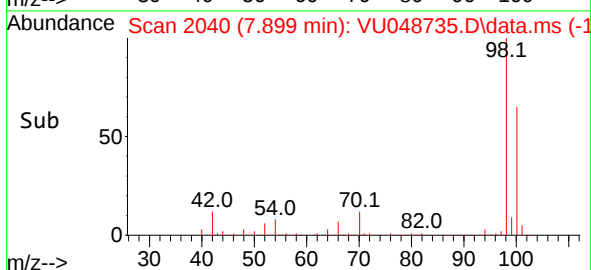
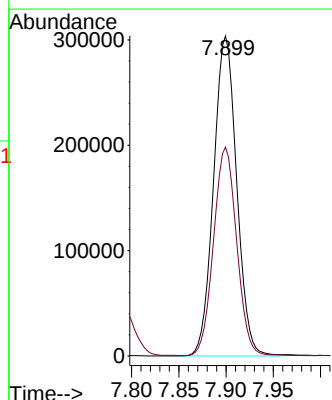
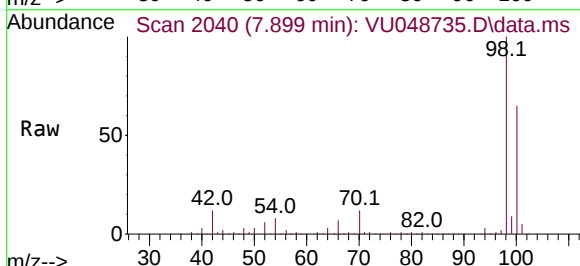
Acq: 31 May 2022 13:11

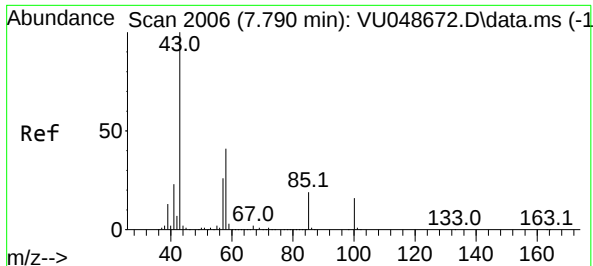
Tgt Ion: 98 Resp: 516395

Ion Ratio Lower Upper

98 100

100 65.2 52.2 78.4





#51

4-Methyl-2-Pentanone

Concen: 106.280 ug/l

RT: 7.790 min Scan# 2006

Delta R.T. 0.000 min

Lab File: VU048735.D

Acq: 31 May 2022 13:11

Instrument :

MSVOA\_U

ClientSampleId :

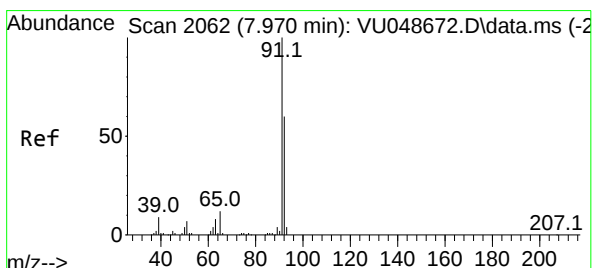
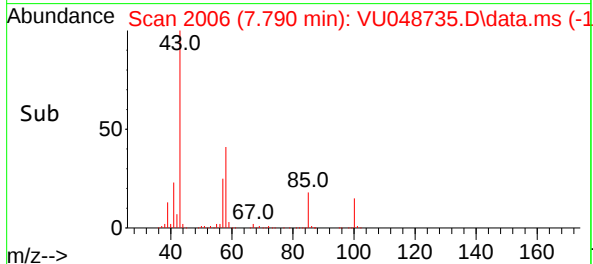
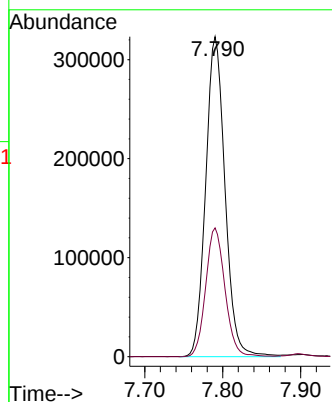
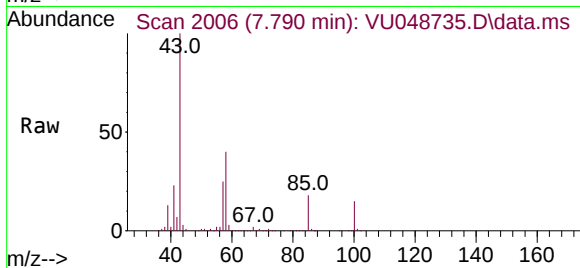
VU0531MBS01

Tgt Ion: 43 Resp: 556564

Ion Ratio Lower Upper

43 100

58 40.2 32.7 49.1



#52

Toluene

Concen: 19.659 ug/l

RT: 7.970 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VU048735.D

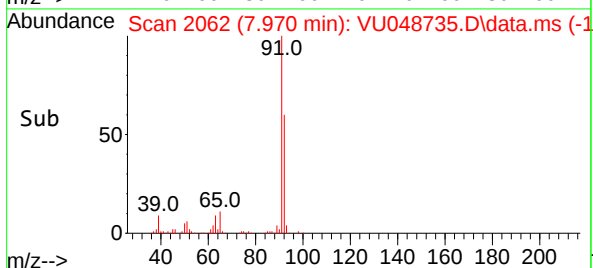
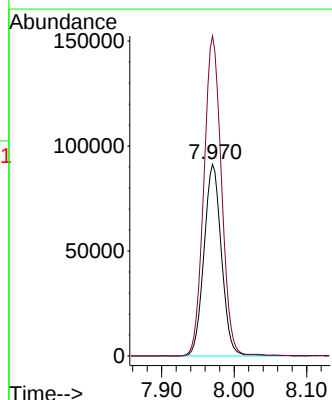
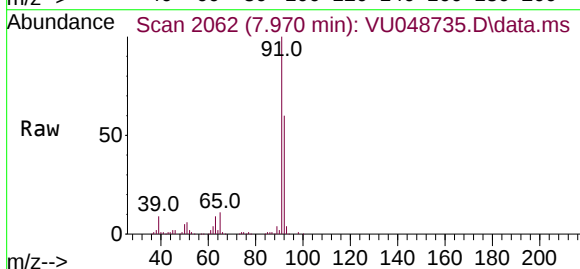
Acq: 31 May 2022 13:11

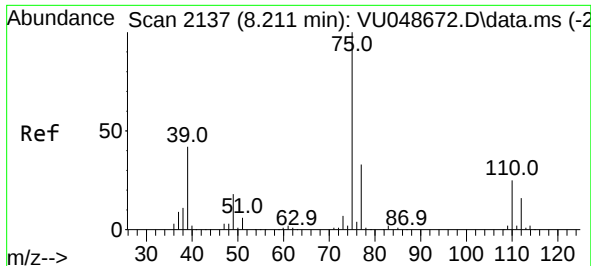
Tgt Ion: 92 Resp: 152593

Ion Ratio Lower Upper

92 100

91 168.1 135.0 202.4





#53

t-1,3-Dichloropropene

Concen: 19.034 ug/l

RT: 8.211 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VU048735.D

Acq: 31 May 2022 13:11

Instrument :

MSVOA\_U

ClientSampleId :

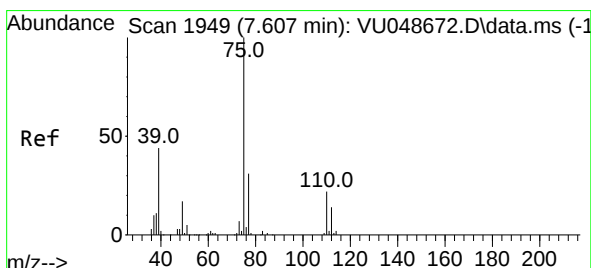
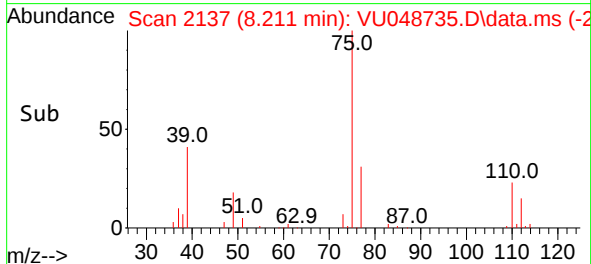
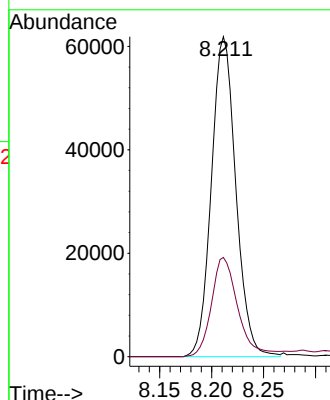
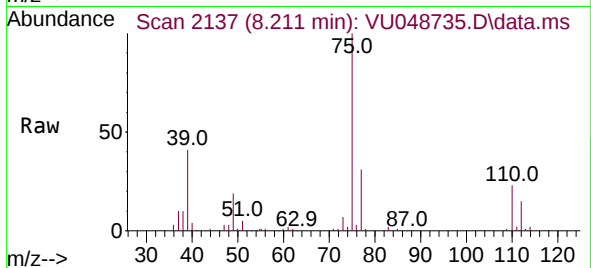
VU0531MBS01

Tgt Ion: 75 Resp: 101342

Ion Ratio Lower Upper

75 100

77 31.0 26.2 39.4



#54

cis-1,3-Dichloropropene

Concen: 19.185 ug/l

RT: 7.607 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VU048735.D

Acq: 31 May 2022 13:11

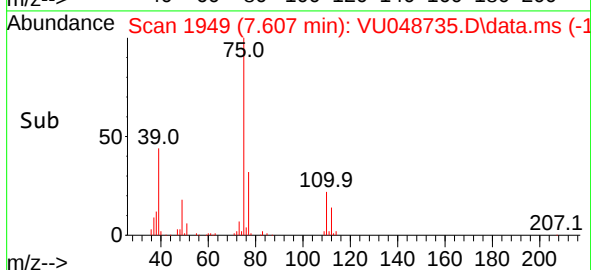
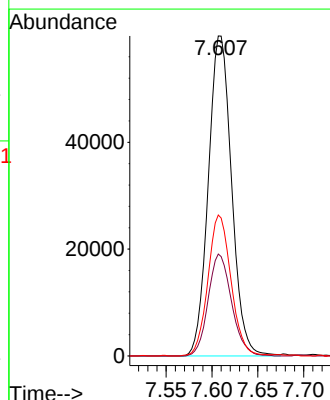
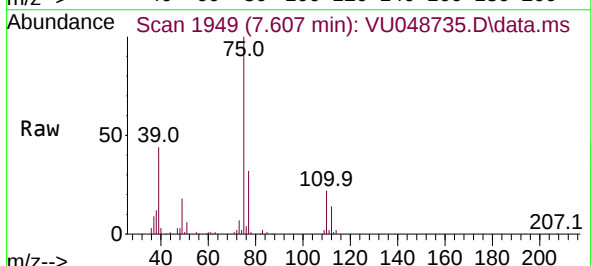
Tgt Ion: 75 Resp: 105848

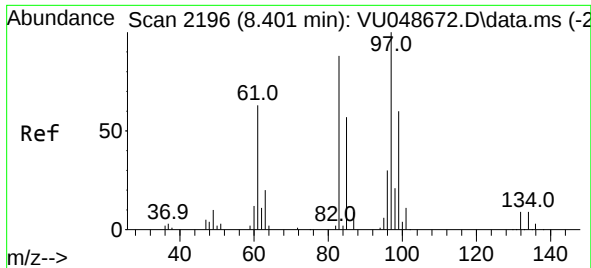
Ion Ratio Lower Upper

75 100

77 31.9 24.9 37.3

39 44.0 35.2 52.8

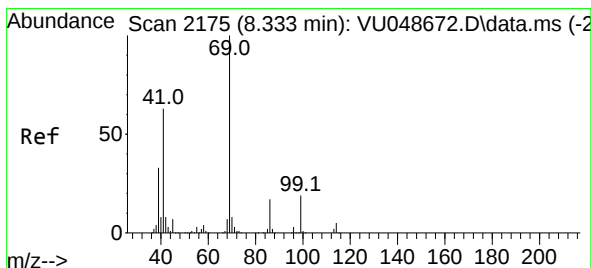
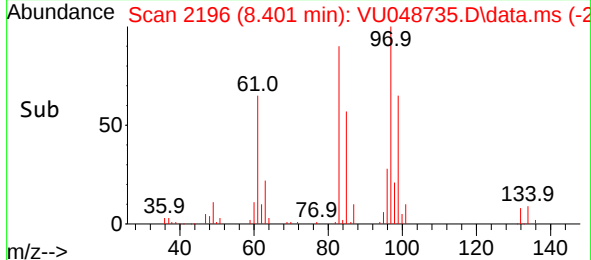
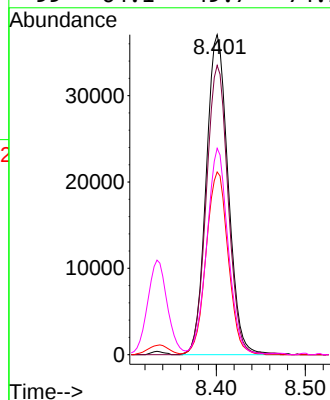
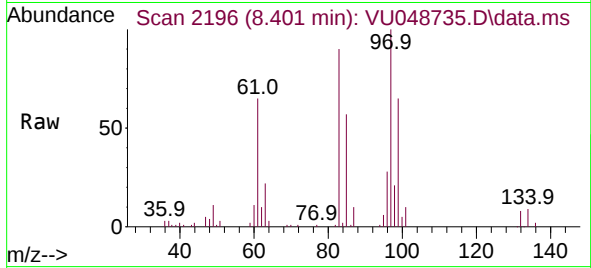




#55  
1,1,2-Trichloroethane  
Concen: 18.520 ug/l  
RT: 8.401 min Scan# 2196  
Delta R.T. 0.000 min  
Lab File: VU048735.D  
Acq: 31 May 2022 13:11

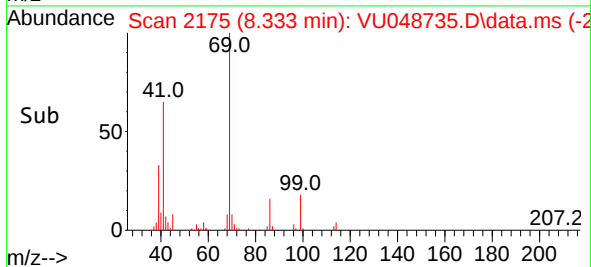
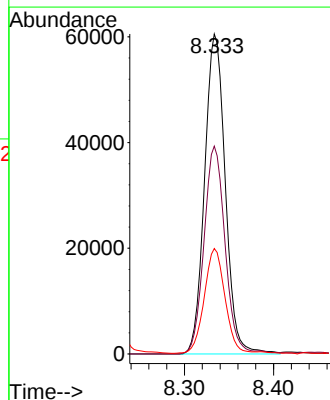
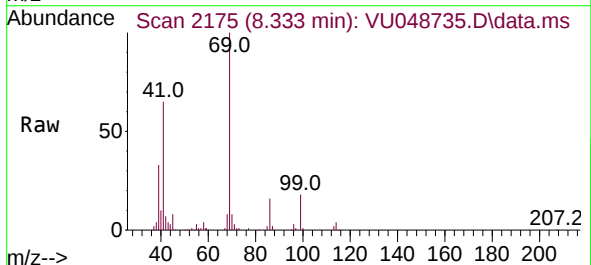
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0531MBS01

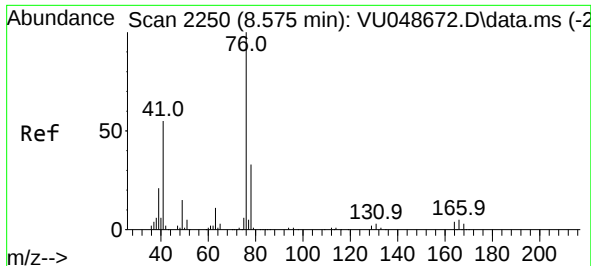
|             |             |
|-------------|-------------|
| Tgt Ion: 97 | Resp: 63442 |
| Ion Ratio   | Lower Upper |
| 97 100      |             |
| 83 90.4     | 70.2 105.4  |
| 85 57.1     | 45.6 68.4   |
| 99 64.1     | 49.7 74.5   |



#56  
Ethyl methacrylate  
Concen: 19.719 ug/l  
RT: 8.333 min Scan# 2175  
Delta R.T. 0.000 min  
Lab File: VU048735.D  
Acq: 31 May 2022 13:11

|             |             |
|-------------|-------------|
| Tgt Ion: 69 | Resp: 97705 |
| Ion Ratio   | Lower Upper |
| 69 100      |             |
| 41 65.7     | 50.6 76.0   |
| 39 32.7     | 26.6 40.0   |





#57

1,3-Dichloropropane

Concen: 19.586 ug/l

RT: 8.575 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU048735.D

Acq: 31 May 2022 13:11

Instrument :

MSVOA\_U

ClientSampleId :

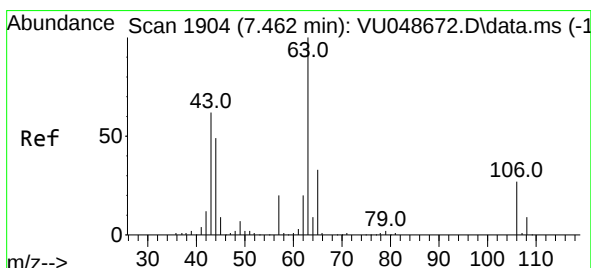
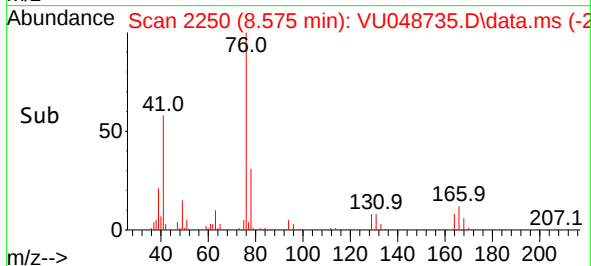
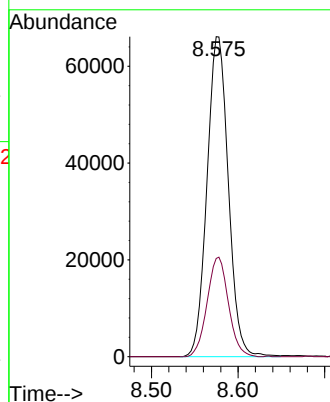
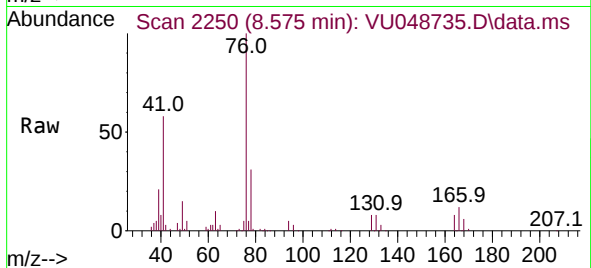
VU0531MBS01

Tgt Ion: 76 Resp: 112924

Ion Ratio Lower Upper

76 100

78 31.1 26.6 39.8



#58

2-Chloroethyl Vinyl ether

Concen: 85.090 ug/l

RT: 7.465 min Scan# 1905

Delta R.T. 0.003 min

Lab File: VU048735.D

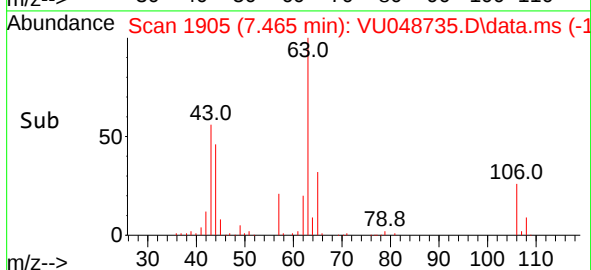
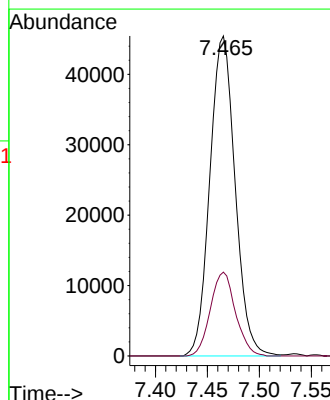
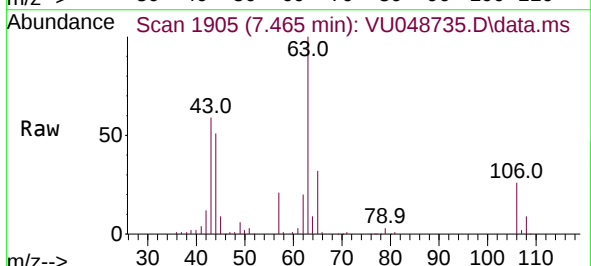
Acq: 31 May 2022 13:11

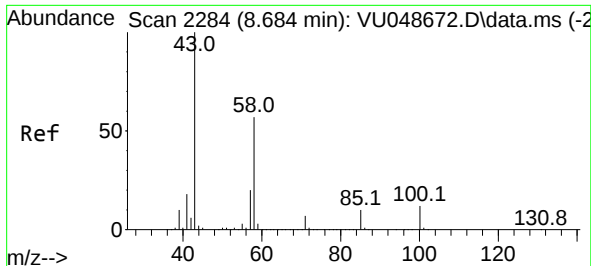
Tgt Ion: 63 Resp: 76876

Ion Ratio Lower Upper

63 100

106 26.0 22.2 33.2

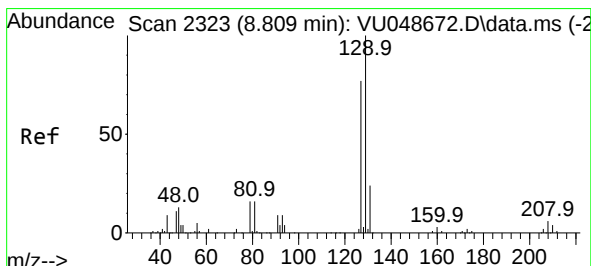
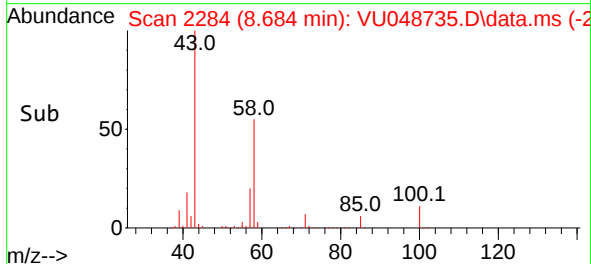
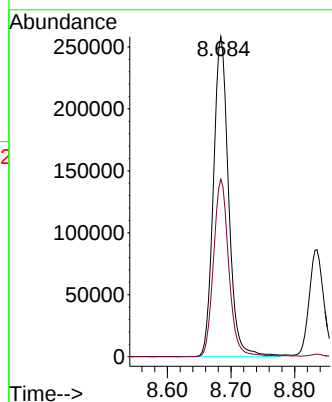
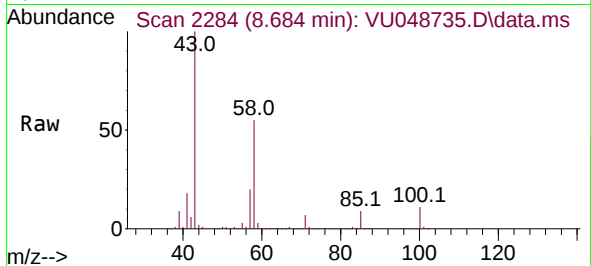




#59  
2-Hexanone  
Concen: 99.347 ug/l  
RT: 8.684 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VU048735.D  
Acq: 31 May 2022 13:11

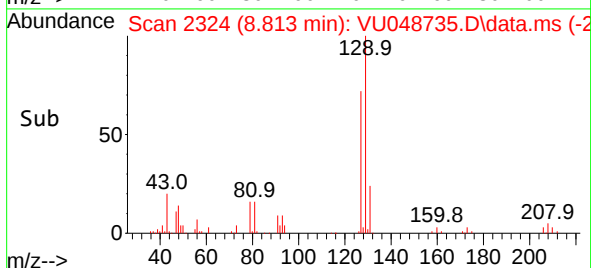
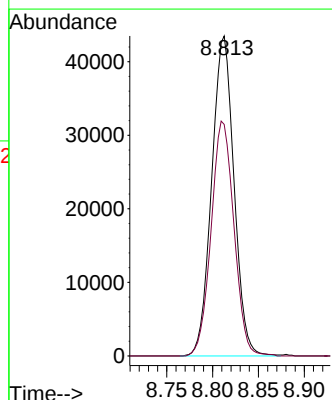
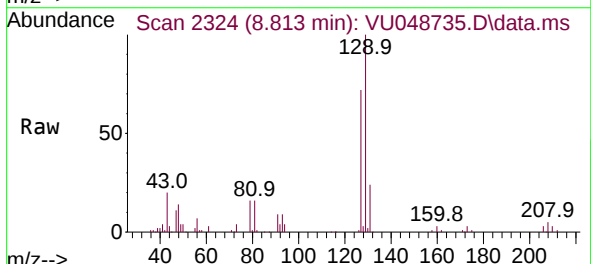
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0531MBS01

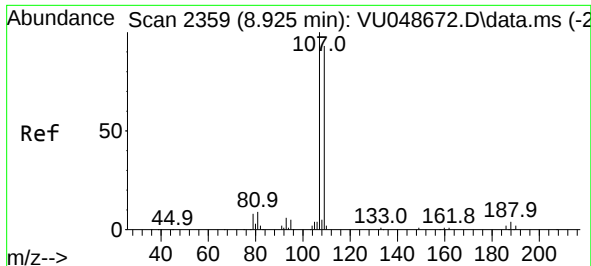
Tgt Ion: 43 Resp: 427116  
Ion Ratio Lower Upper  
43 100  
58 56.2 28.2 84.6



#60  
Dibromochloromethane  
Concen: 19.168 ug/l  
RT: 8.813 min Scan# 2324  
Delta R.T. 0.003 min  
Lab File: VU048735.D  
Acq: 31 May 2022 13:11

Tgt Ion: 129 Resp: 73606  
Ion Ratio Lower Upper  
129 100  
127 75.1 38.5 115.3

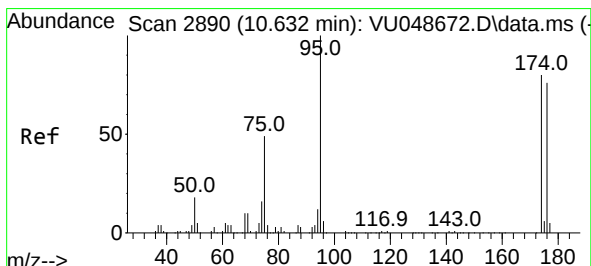
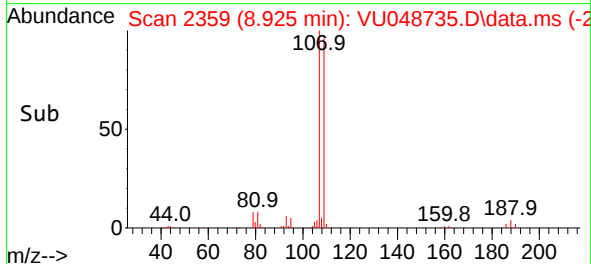
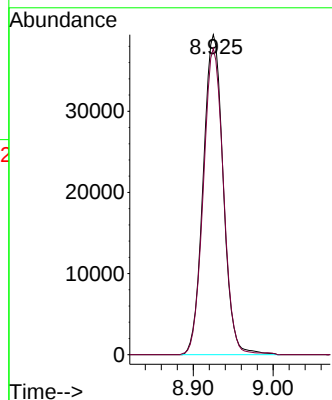
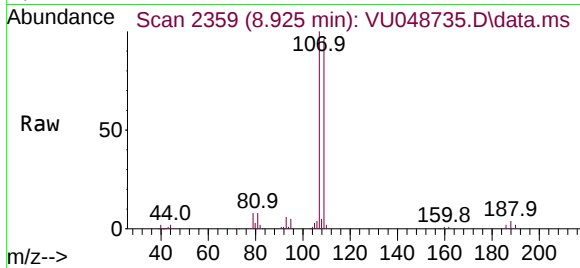




#61  
 1,2-Dibromoethane  
 Concen: 18.253 ug/l  
 RT: 8.925 min Scan# 21  
 Delta R.T. 0.000 min  
 Lab File: VU048735.D  
 Acq: 31 May 2022 13:11

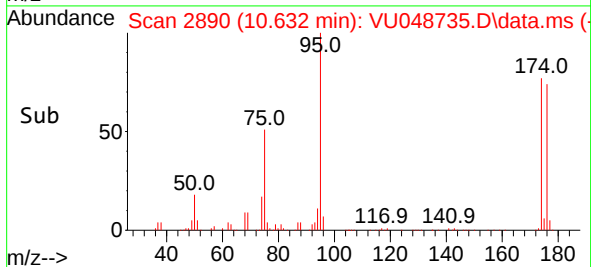
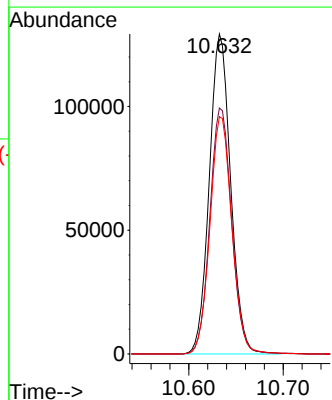
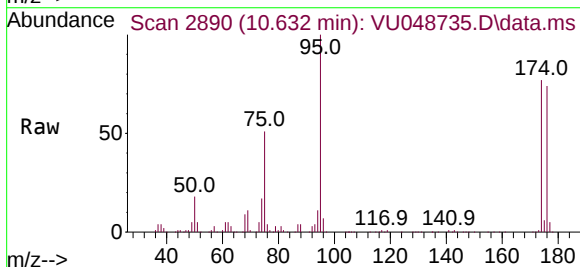
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0531MBS01

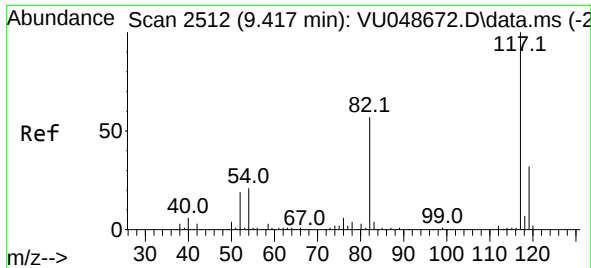
Tgt Ion:107 Resp: 68860  
 Ion Ratio Lower Upper  
 107 100  
 109 95.6 75.7 113.5



#62  
 4-Bromofluorobenzene  
 Concen: 49.681 ug/l  
 RT: 10.632 min Scan# 2890  
 Delta R.T. 0.000 min  
 Lab File: VU048735.D  
 Acq: 31 May 2022 13:11

Tgt Ion: 95 Resp: 202837  
 Ion Ratio Lower Upper  
 95 100  
 174 78.5 0.0 159.4  
 176 76.2 0.0 152.4

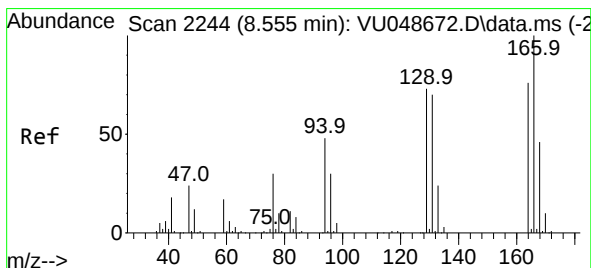
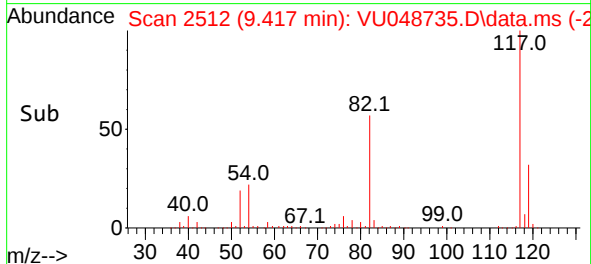
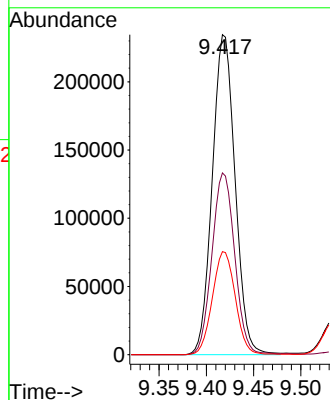
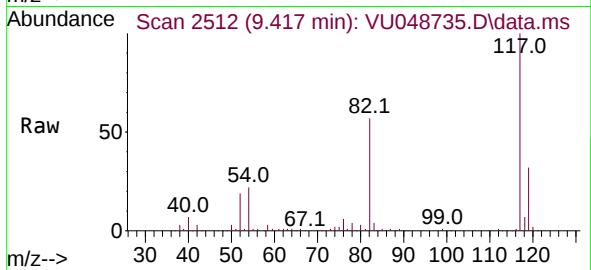




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 9.417 min Scan# 2512  
Delta R.T. 0.000 min  
Lab File: VU048735.D  
Acq: 31 May 2022 13:11

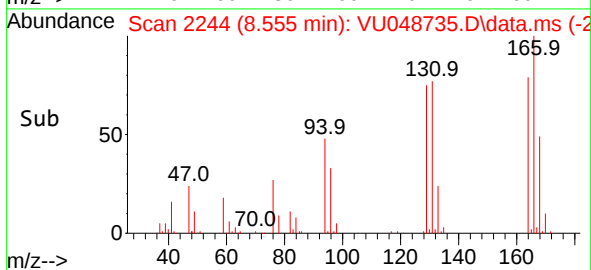
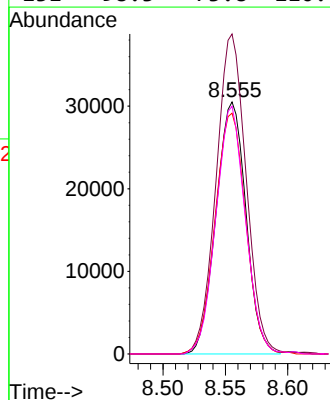
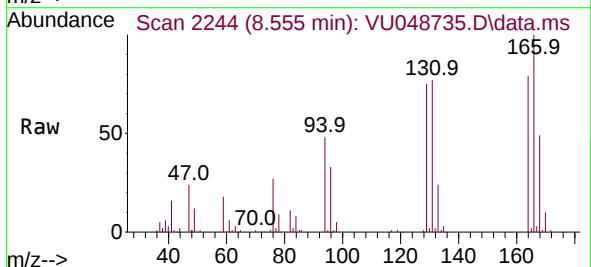
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0531MBS01

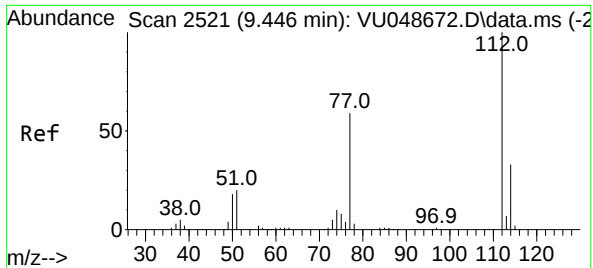
Tgt Ion:117 Resp: 393742  
Ion Ratio Lower Upper  
117 100  
82 56.8 45.3 67.9  
119 32.2 25.4 38.2



#64  
Tetrachloroethene  
Concen: 17.944 ug/l  
RT: 8.555 min Scan# 2244  
Delta R.T. 0.000 min  
Lab File: VU048735.D  
Acq: 31 May 2022 13:11

Tgt Ion:164 Resp: 51004  
Ion Ratio Lower Upper  
164 100  
166 127.0 105.0 157.4  
129 95.6 76.5 114.7  
131 98.3 73.8 110.6

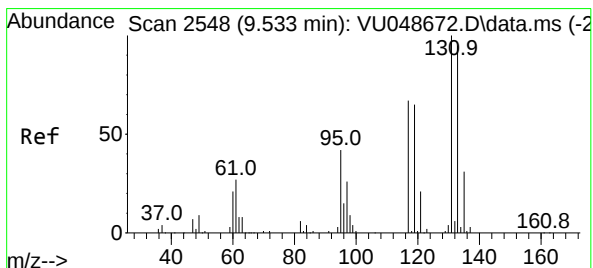
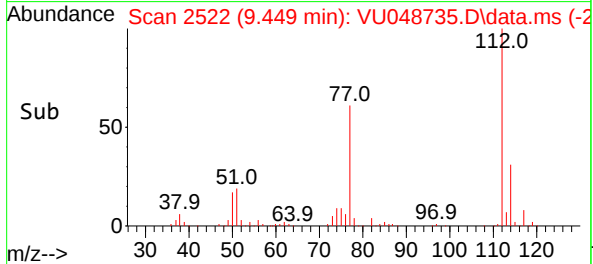
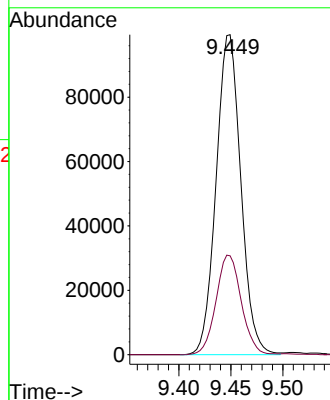
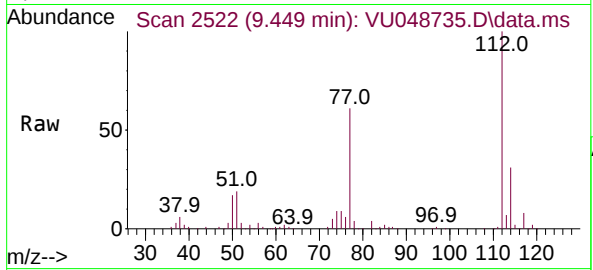




#65  
Chlorobenzene  
Concen: 19.749 ug/l  
RT: 9.449 min Scan# 2521  
Delta R.T. 0.003 min  
Lab File: VU048735.D  
Acq: 31 May 2022 13:11

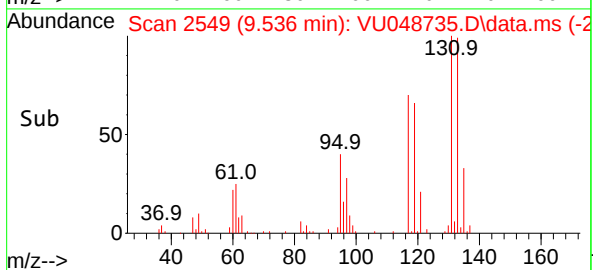
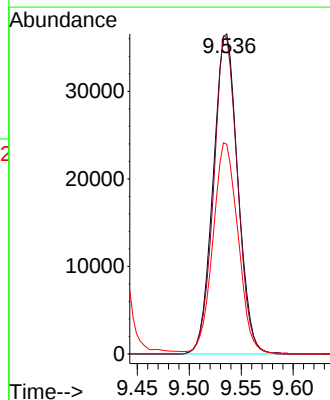
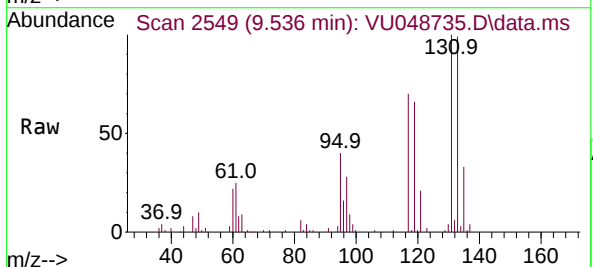
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0531MBS01

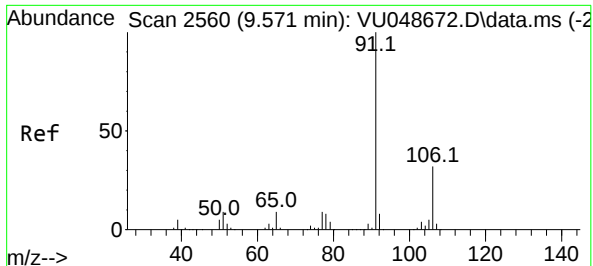
Tgt Ion:112 Resp: 164463  
Ion Ratio Lower Upper  
112 100  
114 30.9 26.3 39.5



#66  
1,1,1,2-Tetrachloroethane  
Concen: 19.076 ug/l  
RT: 9.536 min Scan# 2549  
Delta R.T. 0.003 min  
Lab File: VU048735.D  
Acq: 31 May 2022 13:11

Tgt Ion:131 Resp: 60300  
Ion Ratio Lower Upper  
131 100  
133 96.6 48.5 145.5  
119 67.3 32.7 98.1





#67

Ethyl Benzene

Concen: 20.136 ug/l

RT: 9.571 min Scan# 2560

Delta R.T. 0.000 min

Lab File: VU048735.D

Acq: 31 May 2022 13:11

Instrument :

MSVOA\_U

ClientSampleId :

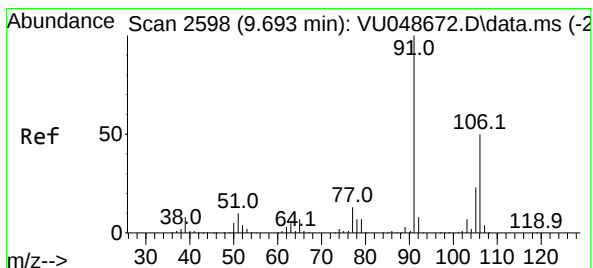
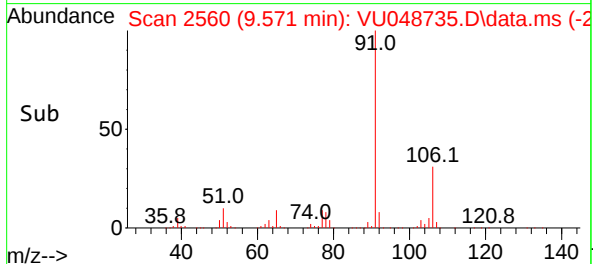
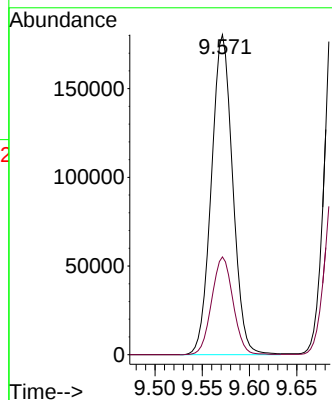
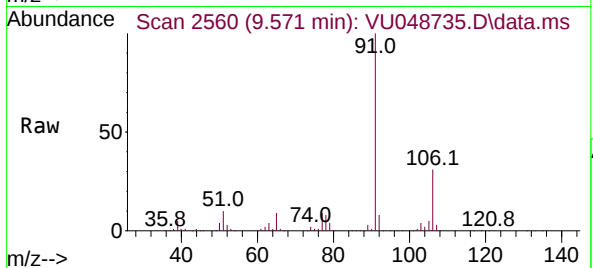
VU0531MBS01

Tgt Ion: 91 Resp: 282823

Ion Ratio Lower Upper

91 100

106 30.5 25.4 38.2



#68

m/p-Xylenes

Concen: 40.451 ug/l

RT: 9.694 min Scan# 2598

Delta R.T. 0.000 min

Lab File: VU048735.D

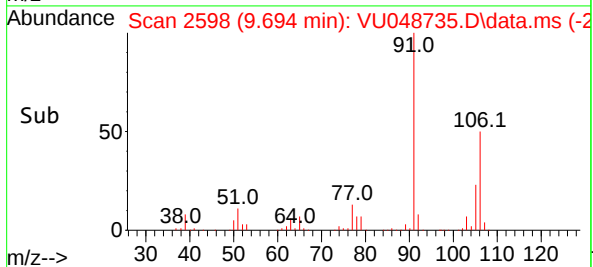
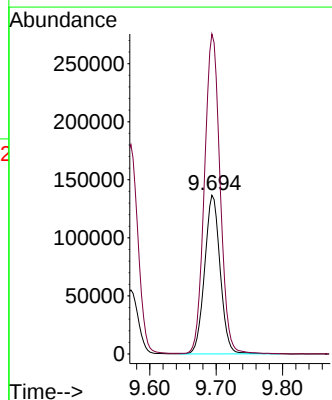
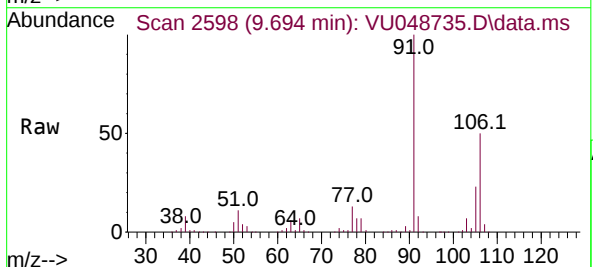
Acq: 31 May 2022 13:11

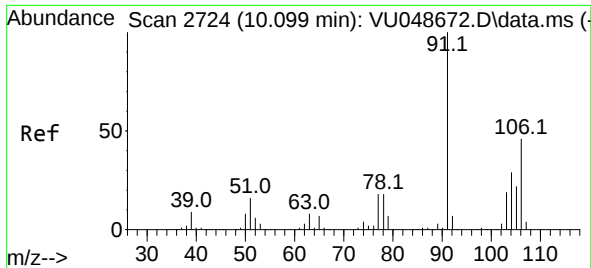
Tgt Ion: 106 Resp: 222212

Ion Ratio Lower Upper

106 100

91 204.2 162.4 243.6

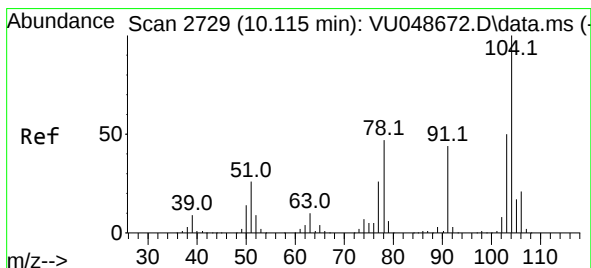
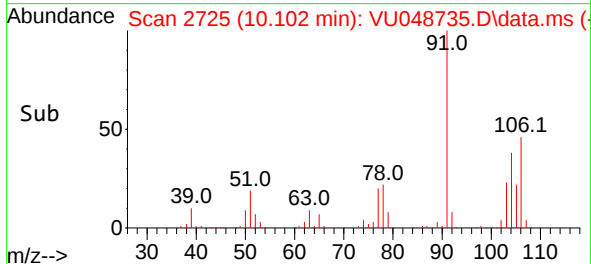
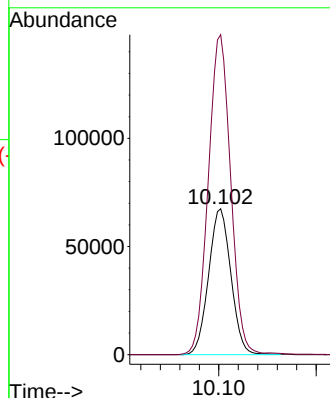
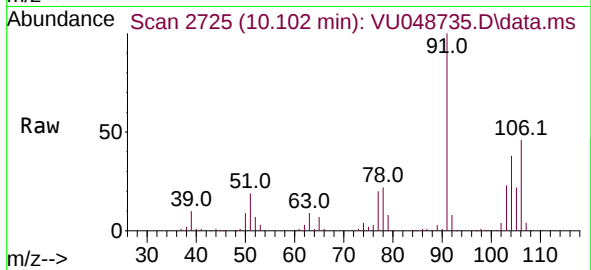




#69  
o-Xylene  
Concen: 19.888 ug/l  
RT: 10.102 min Scan# 2725  
Delta R.T. 0.003 min  
Lab File: VU048735.D  
Acq: 31 May 2022 13:11

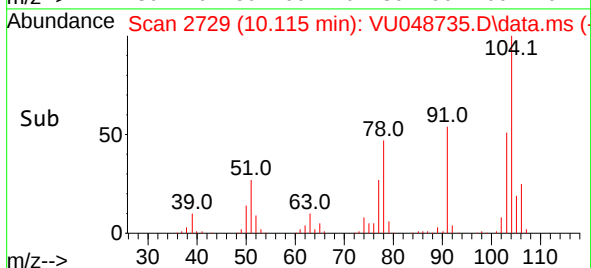
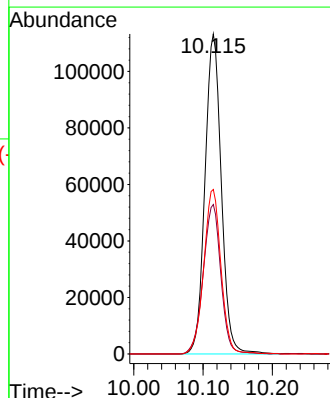
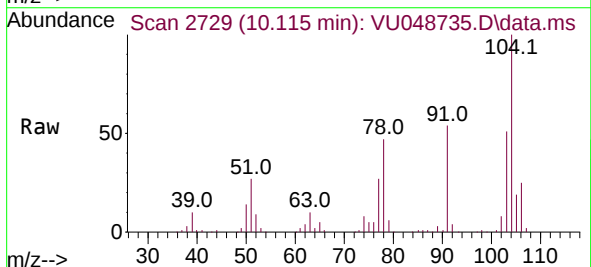
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0531MBS01

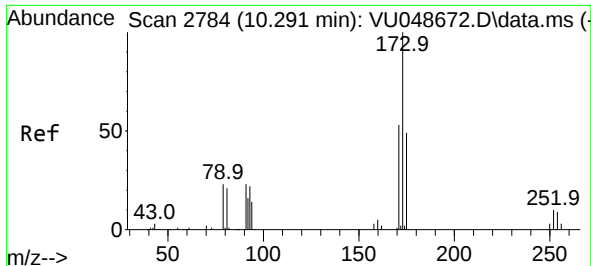
Tgt Ion:106 Resp: 107333  
Ion Ratio Lower Upper  
106 100  
91 220.7 107.7 323.3



#70  
Styrene  
Concen: 20.841 ug/l  
RT: 10.115 min Scan# 2729  
Delta R.T. -0.000 min  
Lab File: VU048735.D  
Acq: 31 May 2022 13:11

Tgt Ion:104 Resp: 185010  
Ion Ratio Lower Upper  
104 100  
78 50.3 41.2 61.8  
103 54.2 43.4 65.2

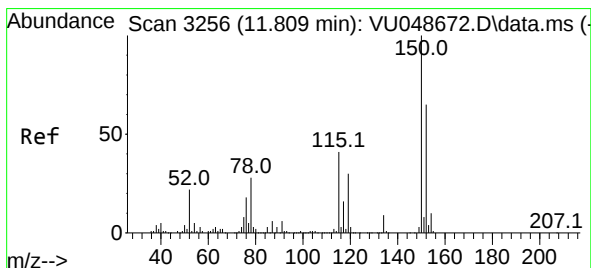
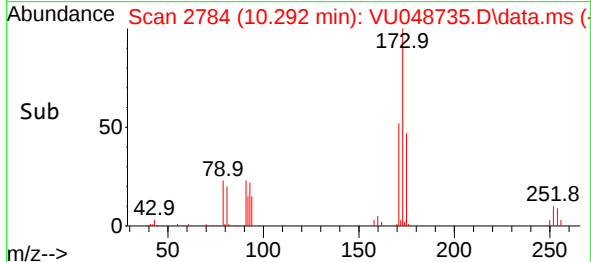
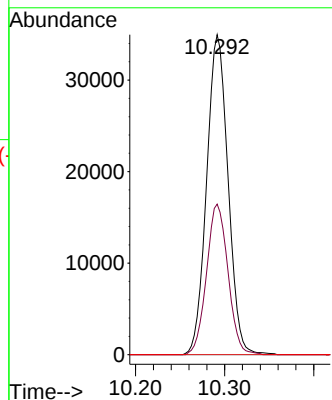
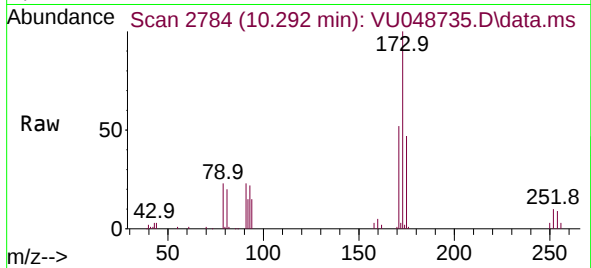




#71  
Bromoform  
Concen: 19.962 ug/l  
RT: 10.292 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VU048735.D  
Acq: 31 May 2022 13:11

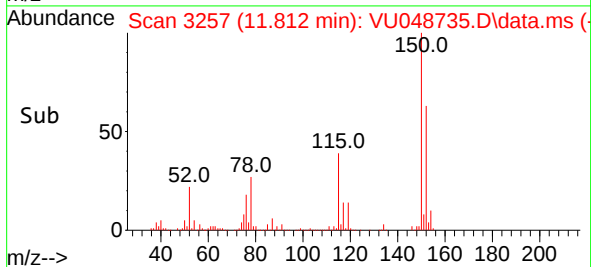
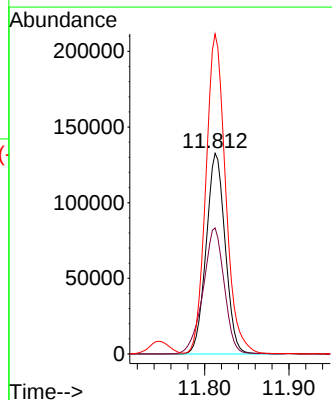
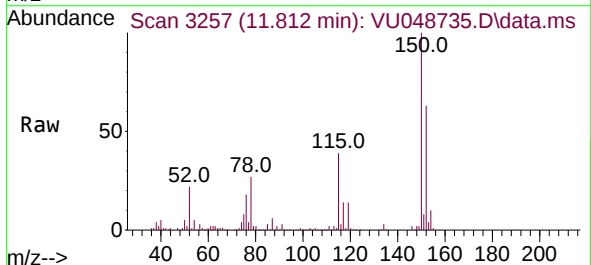
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0531MBS01

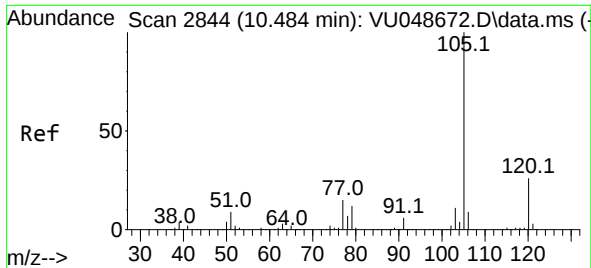
Tgt Ion:173 Resp: 58342  
Ion Ratio Lower Upper  
173 100  
175 47.1 24.5 73.5  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 11.812 min Scan# 3257  
Delta R.T. 0.003 min  
Lab File: VU048735.D  
Acq: 31 May 2022 13:11

Tgt Ion:152 Resp: 208694  
Ion Ratio Lower Upper  
152 100  
115 69.7 41.8 125.4  
150 165.1 0.0 341.0

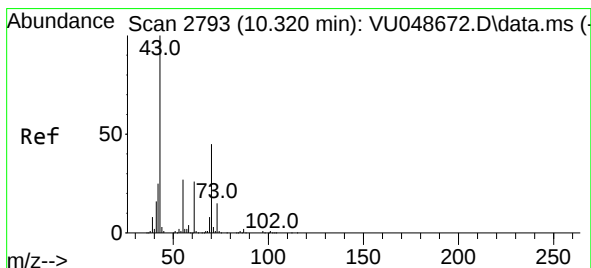
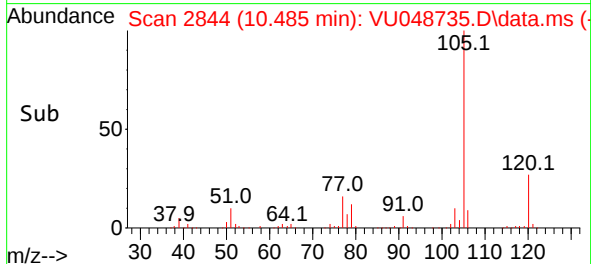
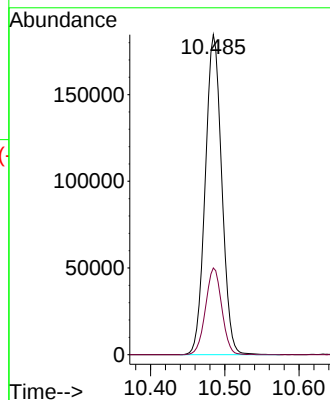
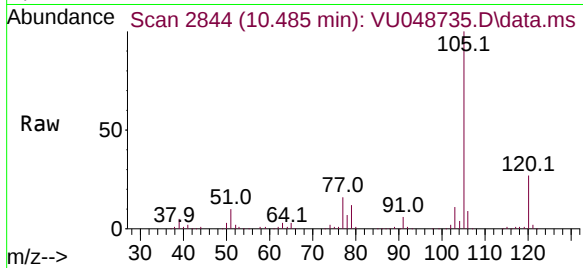




#73  
Isopropylbenzene  
Concen: 21.112 ug/l  
RT: 10.485 min Scan# 2844  
Delta R.T. 0.000 min  
Lab File: VU048735.D  
Acq: 31 May 2022 13:11

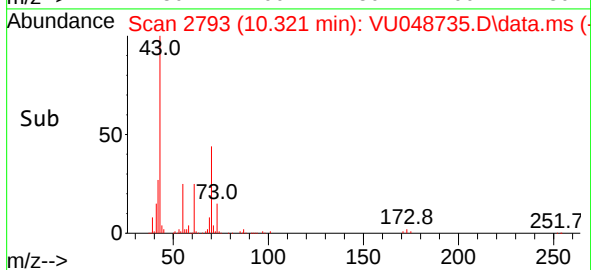
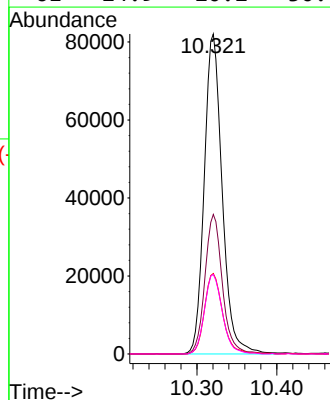
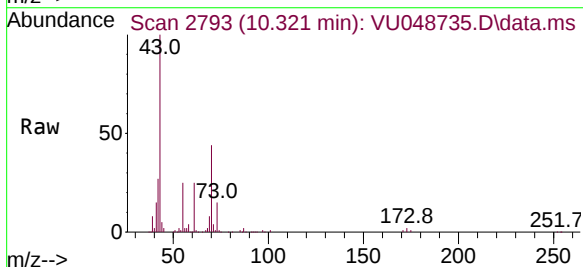
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0531MBS01

Tgt Ion:105 Resp: 284442  
Ion Ratio Lower Upper  
105 100  
120 26.6 12.9 38.6



#74  
N-ethyl acetate  
Concen: 20.383 ug/l  
RT: 10.321 min Scan# 2793  
Delta R.T. 0.001 min  
Lab File: VU048735.D  
Acq: 31 May 2022 13:11

Tgt Ion: 43 Resp: 128546  
Ion Ratio Lower Upper  
43 100  
70 42.5 35.8 53.6  
55 25.4 21.1 31.7  
61 24.9 20.2 30.4

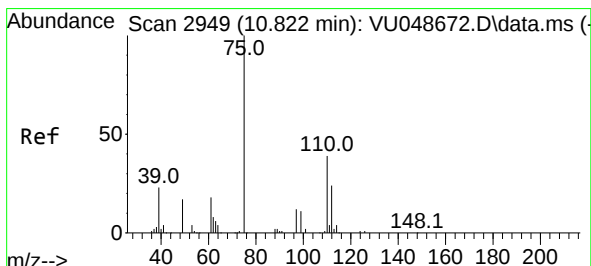
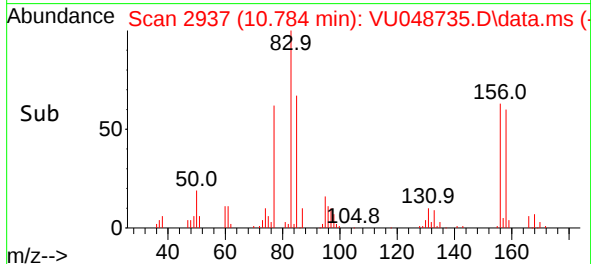
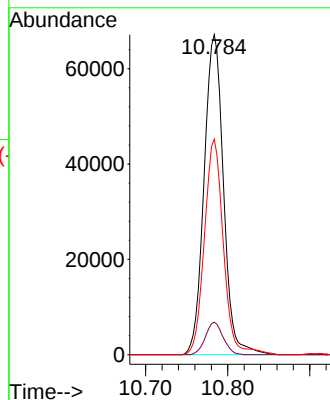
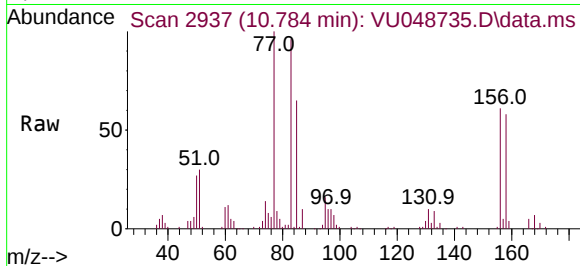




#75  
1,1,2,2-Tetrachloroethane  
Concen: 20.073 ug/l  
RT: 10.784 min Scan# 2936  
Delta R.T. 0.003 min  
Lab File: VU048735.D  
Acq: 31 May 2022 13:11

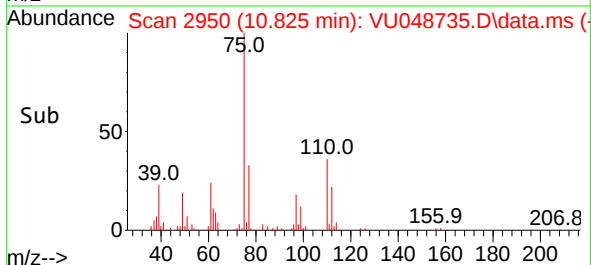
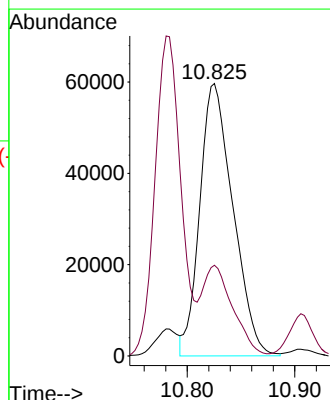
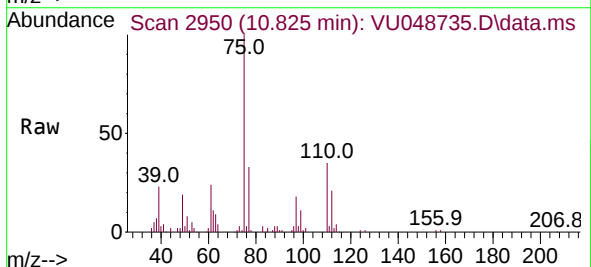
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0531MBS01

Tgt Ion: 83 Resp: 110365  
Ion Ratio Lower Upper  
83 100  
131 9.2 5.2 15.6  
85 65.9 32.5 97.4



#76  
1,2,3-Trichloropropane  
Concen: 19.009 ug/l  
RT: 10.825 min Scan# 2950  
Delta R.T. 0.003 min  
Lab File: VU048735.D  
Acq: 31 May 2022 13:11

Tgt Ion: 75 Resp: 127907  
Ion Ratio Lower Upper  
75 100  
77 30.2 14.8 44.3

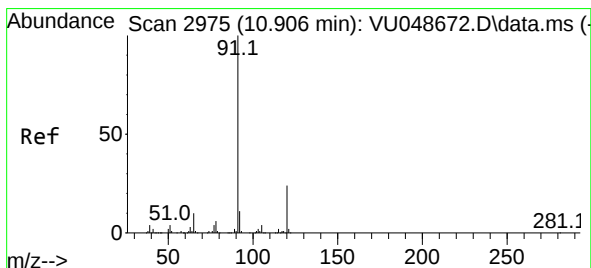
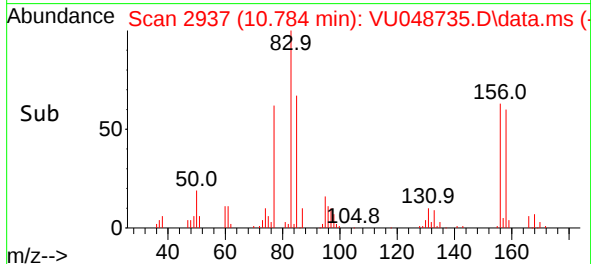
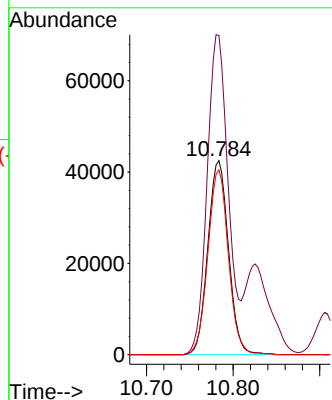
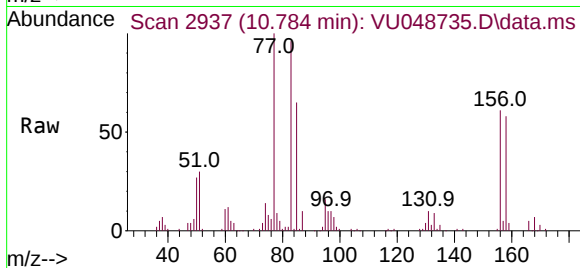




#77  
Bromobenzene  
Concen: 19.489 ug/l  
RT: 10.784 min Scan# 2937  
Delta R.T. 0.003 min  
Lab File: VU048735.D  
Acq: 31 May 2022 13:11

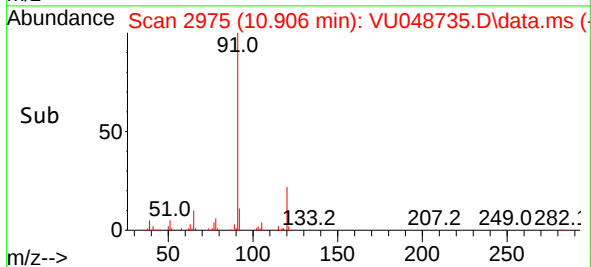
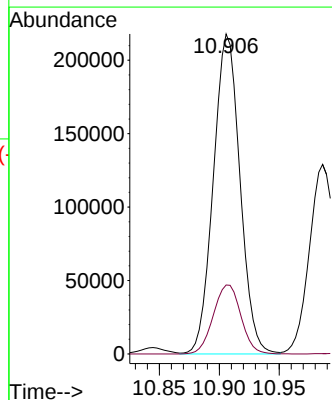
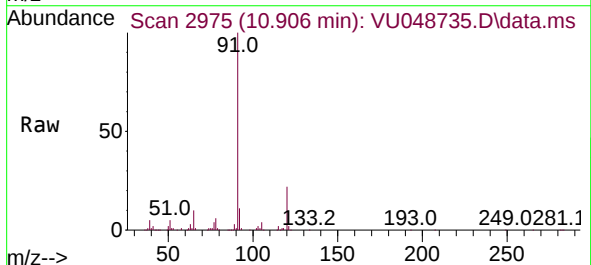
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0531MBS01

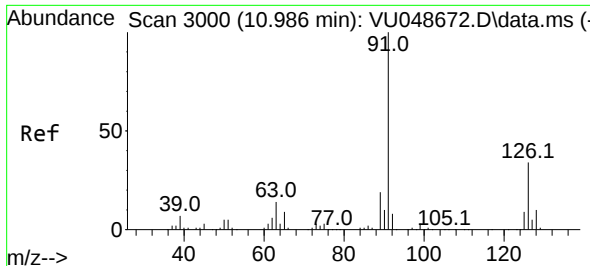
Tgt Ion:156 Resp: 70520  
Ion Ratio Lower Upper  
156 100  
77 168.1 81.1 243.3  
158 94.5 48.8 146.4



#78  
n-propylbenzene  
Concen: 20.933 ug/l  
RT: 10.906 min Scan# 2975  
Delta R.T. 0.000 min  
Lab File: VU048735.D  
Acq: 31 May 2022 13:11

Tgt Ion: 91 Resp: 336070  
Ion Ratio Lower Upper  
91 100  
120 22.3 11.6 34.7

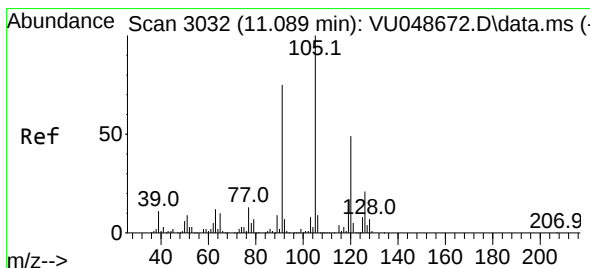
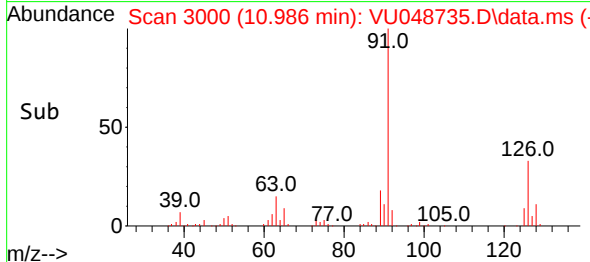
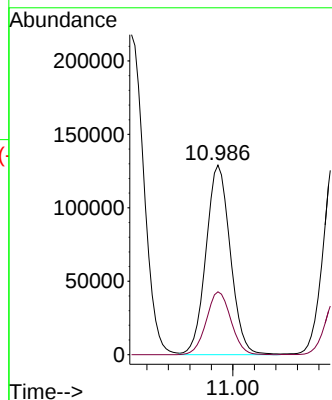
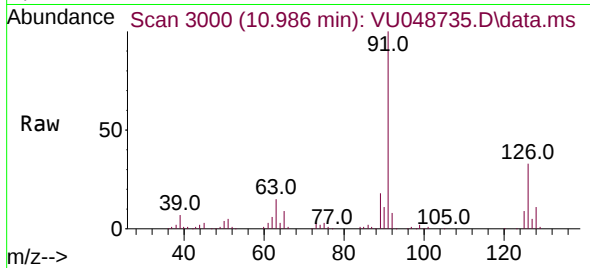




#79  
2-Chlorotoluene  
Concen: 20.322 ug/l  
RT: 10.986 min Scan# 3000  
Delta R.T. 0.000 min  
Lab File: VU048735.D  
Acq: 31 May 2022 13:11

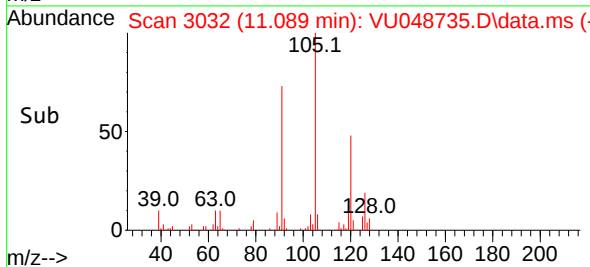
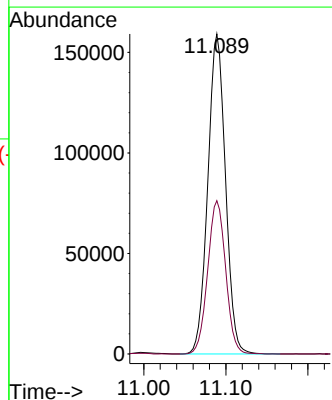
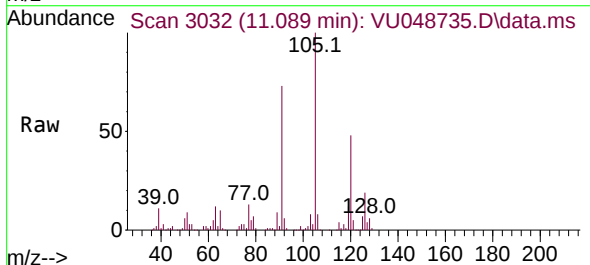
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0531MBS01

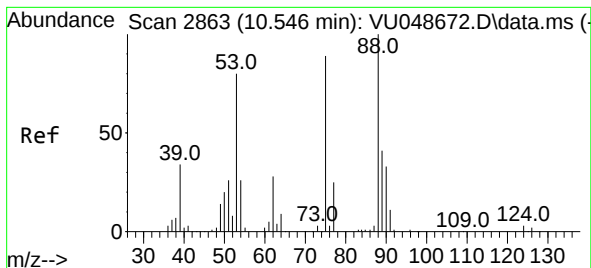
Tgt Ion: 91 Resp: 202896  
Ion Ratio Lower Upper  
91 100  
126 33.4 16.7 50.0



#80  
1,3,5-Trimethylbenzene  
Concen: 20.308 ug/l  
RT: 11.089 min Scan# 3032  
Delta R.T. 0.000 min  
Lab File: VU048735.D  
Acq: 31 May 2022 13:11

Tgt Ion: 105 Resp: 237939  
Ion Ratio Lower Upper  
105 100  
120 48.7 24.1 72.3

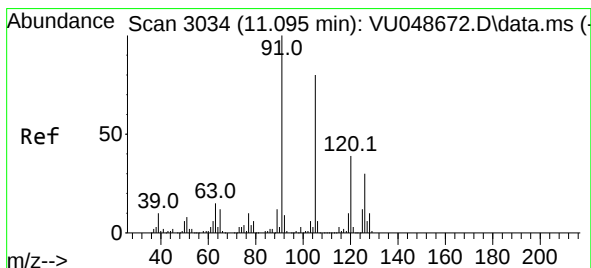
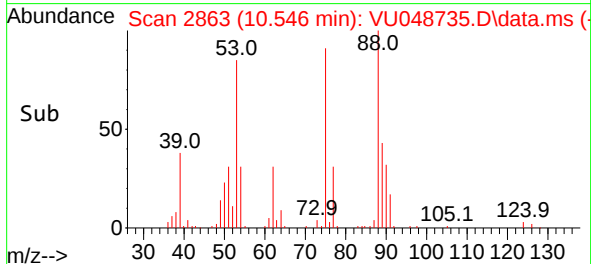
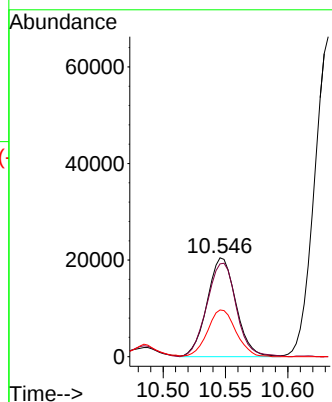
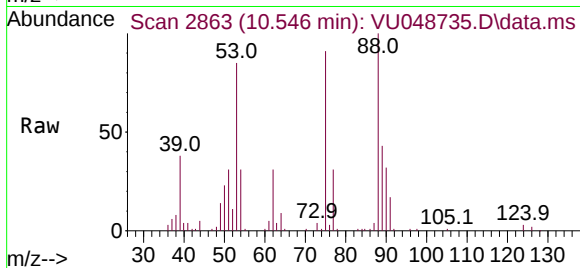




#81  
trans-1,4-Dichloro-2-butene  
Concen: 17.804 ug/l  
RT: 10.546 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VU048735.D  
Acq: 31 May 2022 13:11

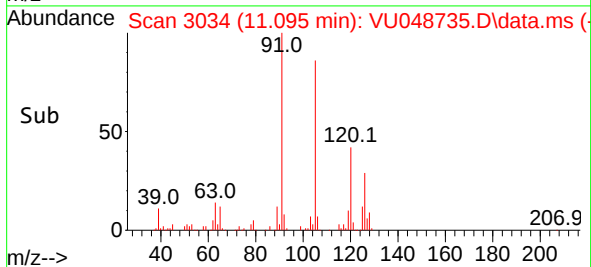
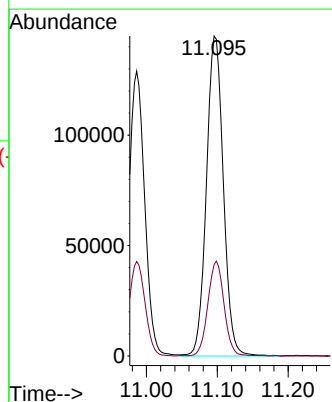
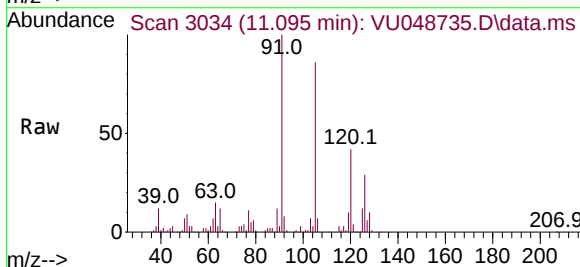
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0531MBS01

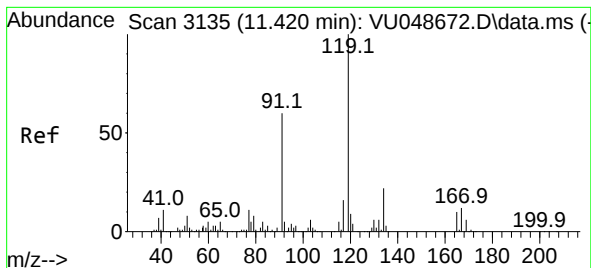
Tgt Ion: 75 Resp: 32995  
Ion Ratio Lower Upper  
75 100  
53 96.3 72.5 108.7  
89 46.7 37.0 55.4



#82  
4-Chlorotoluene  
Concen: 20.849 ug/l  
RT: 11.095 min Scan# 3034  
Delta R.T. 0.000 min  
Lab File: VU048735.D  
Acq: 31 May 2022 13:11

Tgt Ion: 91 Resp: 240161  
Ion Ratio Lower Upper  
91 100  
126 28.4 14.4 43.2





#83

tert-Butylbenzene

Concen: 20.632 ug/l

RT: 11.420 min Scan# 3135

Delta R.T. 0.000 min

Lab File: VU048735.D

Acq: 31 May 2022 13:11

Instrument :

MSVOA\_U

ClientSampleId :

VU0531MBS01

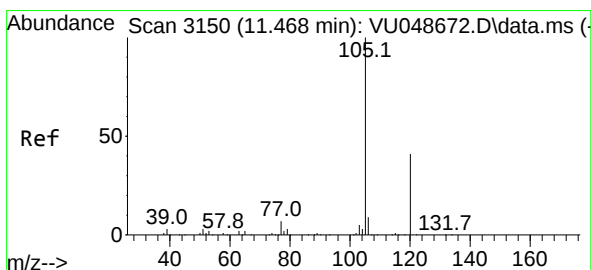
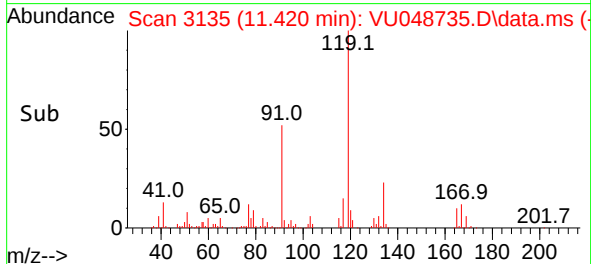
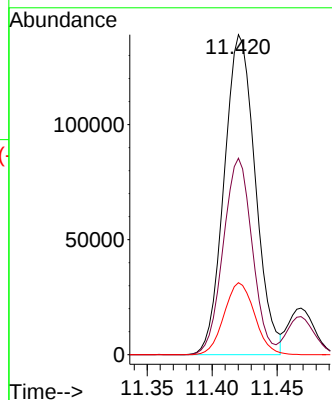
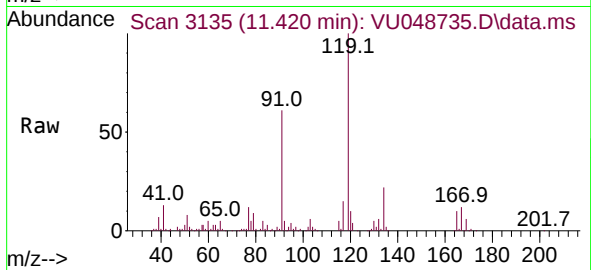
Tgt Ion:119 Resp: 232007

Ion Ratio Lower Upper

119 100

91 57.3 28.7 86.1

134 22.0 10.8 32.4



#84

1,2,4-Trimethylbenzene

Concen: 19.914 ug/l

RT: 11.468 min Scan# 3150

Delta R.T. 0.000 min

Lab File: VU048735.D

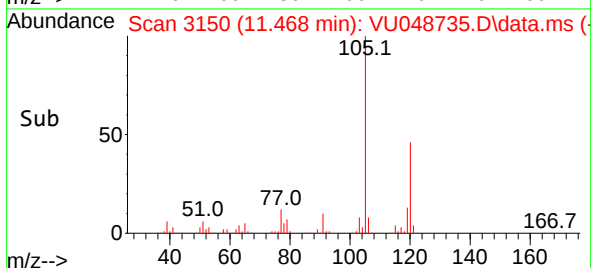
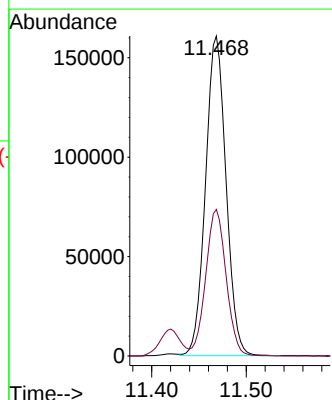
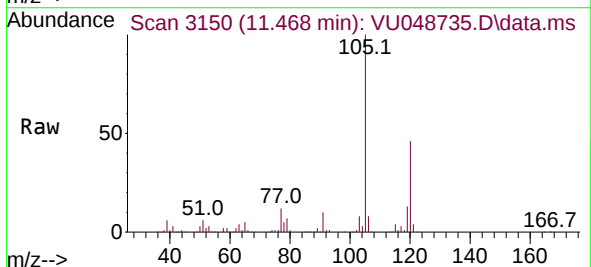
Acq: 31 May 2022 13:11

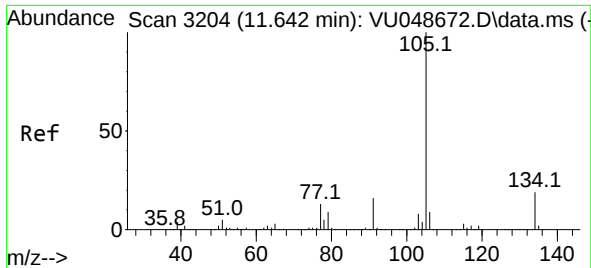
Tgt Ion:105 Resp: 242229

Ion Ratio Lower Upper

105 100

120 45.8 22.5 67.5

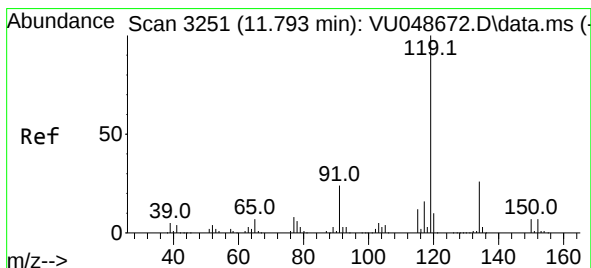
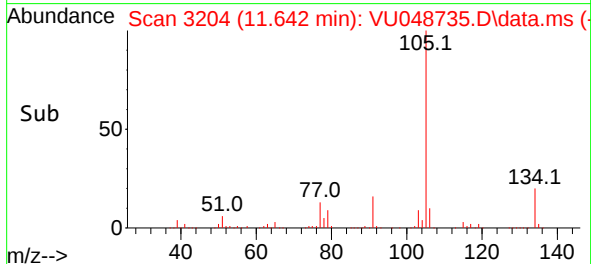
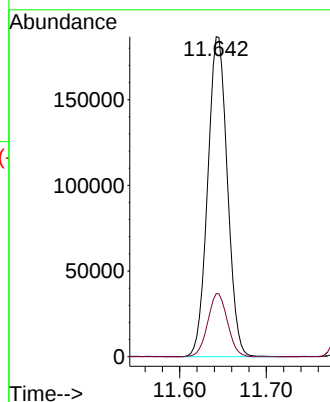
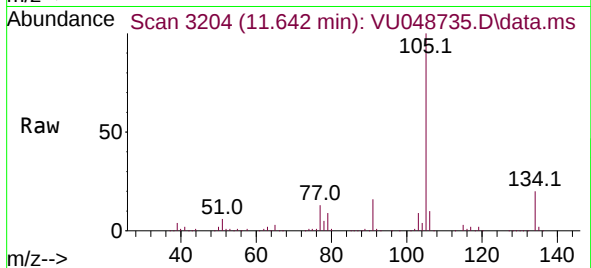




#85  
 sec-Butylbenzene  
 Concen: 20.935 ug/l  
 RT: 11.642 min Scan# 31  
 Delta R.T. 0.000 min  
 Lab File: VU048735.D  
 Acq: 31 May 2022 13:11

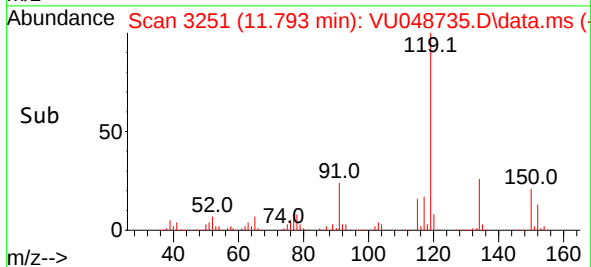
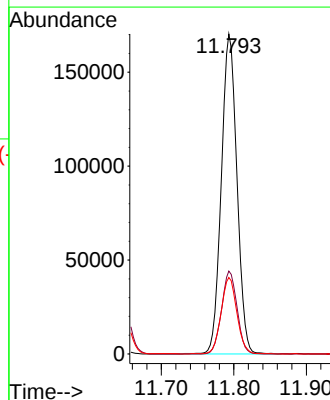
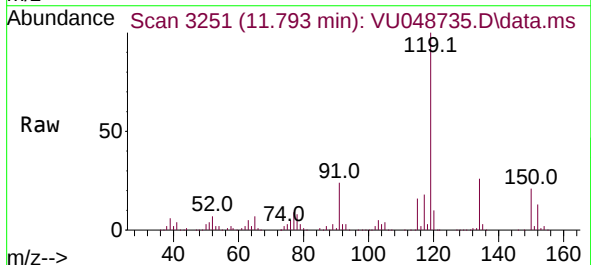
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0531MBS01

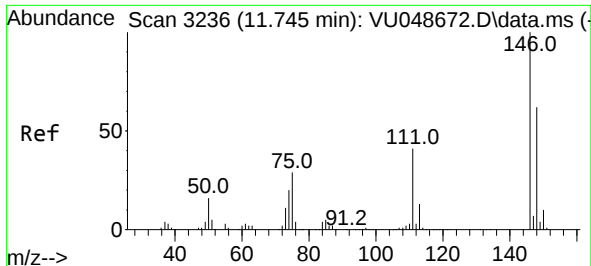
Tgt Ion:105 Resp: 294514  
 Ion Ratio Lower Upper  
 105 100  
 134 19.8 9.6 28.6



#86  
 p-Isopropyltoluene  
 Concen: 21.091 ug/l  
 RT: 11.793 min Scan# 3251  
 Delta R.T. 0.000 min  
 Lab File: VU048735.D  
 Acq: 31 May 2022 13:11

Tgt Ion:119 Resp: 254799  
 Ion Ratio Lower Upper  
 119 100  
 134 25.6 12.8 38.4  
 91 23.8 12.0 36.0





#87

1,3-Dichlorobenzene

Concen: 19.667 ug/l

RT: 11.745 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU048735.D

Acq: 31 May 2022 13:11

Instrument :

MSVOA\_U

ClientSampleId :

VU0531MBS01

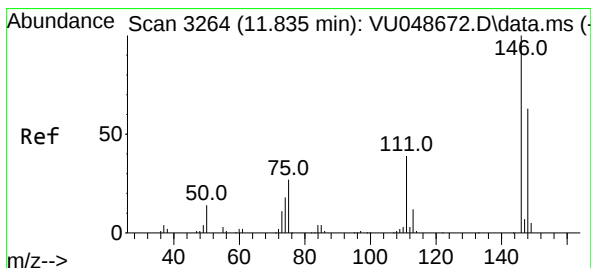
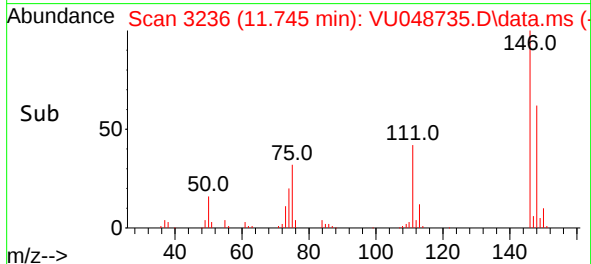
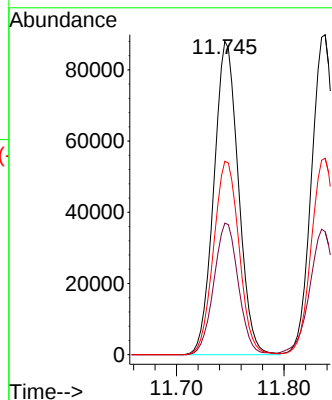
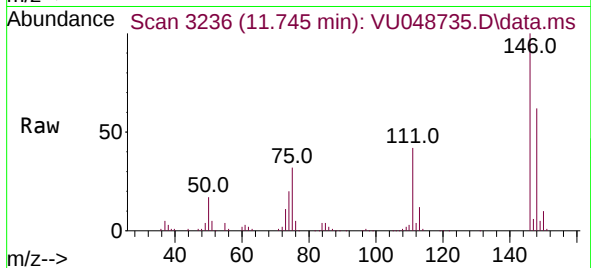
Tgt Ion:146 Resp: 139527

Ion Ratio Lower Upper

146 100

111 42.1 20.6 61.9

148 64.1 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 19.253 ug/l

RT: 11.838 min Scan# 3265

Delta R.T. 0.003 min

Lab File: VU048735.D

Acq: 31 May 2022 13:11

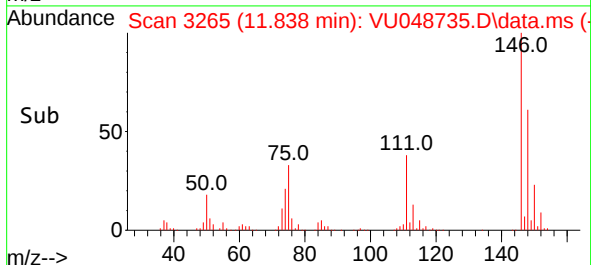
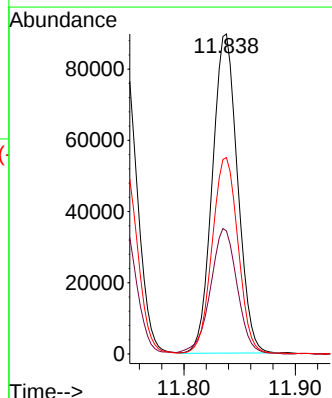
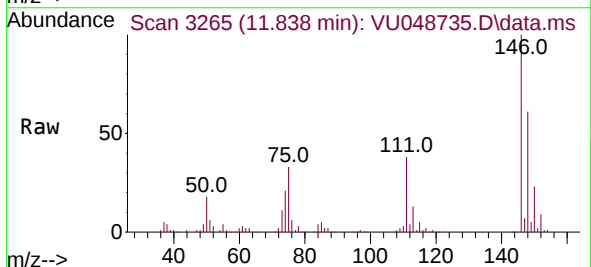
Tgt Ion:146 Resp: 141115

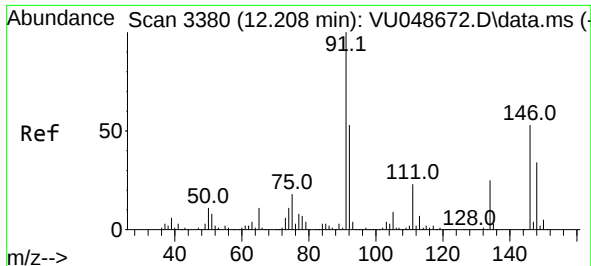
Ion Ratio Lower Upper

146 100

111 41.8 20.2 60.6

148 63.3 32.4 97.0





#89

n-Butylbenzene

Concen: 20.221 ug/l

RT: 12.208 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU048735.D

Acq: 31 May 2022 13:11

Instrument :

MSVOA\_U

ClientSampleId :

VU0531MBS01

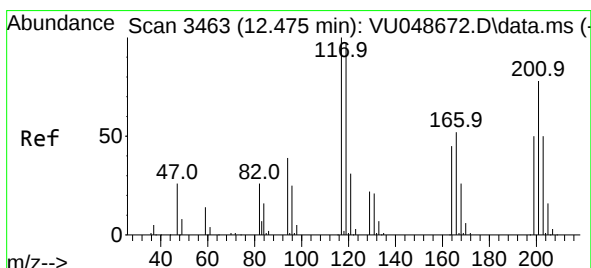
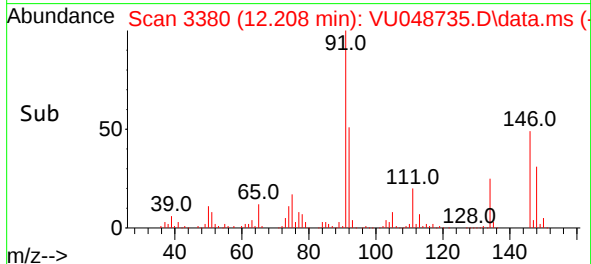
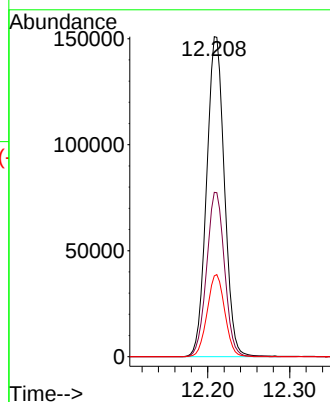
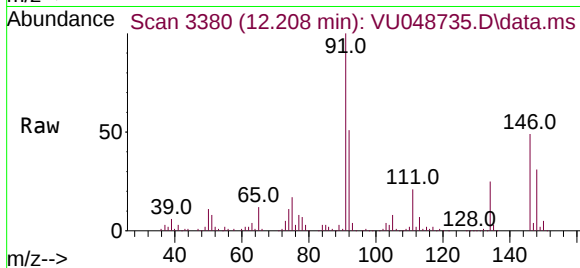
Tgt Ion: 91 Resp: 228071

Ion Ratio Lower Upper

91 100

92 51.6 25.9 77.8

134 25.4 12.5 37.5



#90

Hexachloroethane

Concen: 17.878 ug/l

RT: 12.475 min Scan# 3463

Delta R.T. 0.000 min

Lab File: VU048735.D

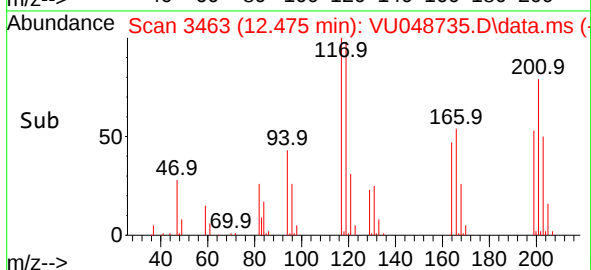
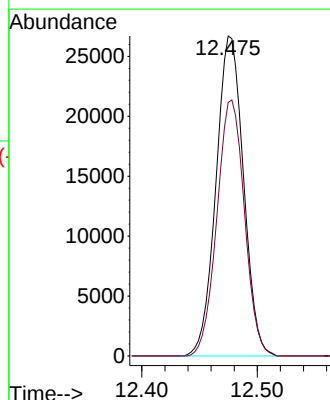
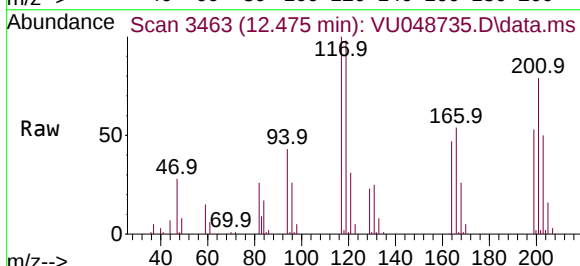
Acq: 31 May 2022 13:11

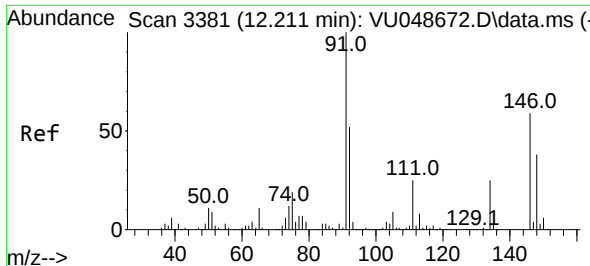
Tgt Ion: 117 Resp: 44080

Ion Ratio Lower Upper

117 100

201 80.2 39.6 119.0





#91

1,2-Dichlorobenzene

Concen: 19.127 ug/l

RT: 12.214 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU048735.D

Acq: 31 May 2022 13:11

Instrument :

MSVOA\_U

ClientSampleId :

VU0531MBS01

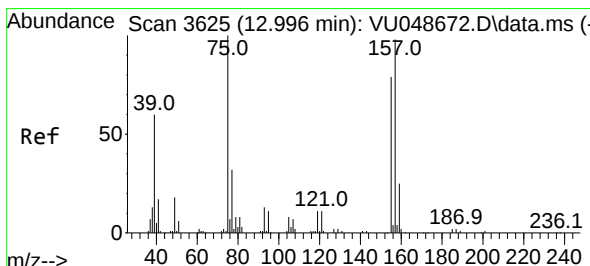
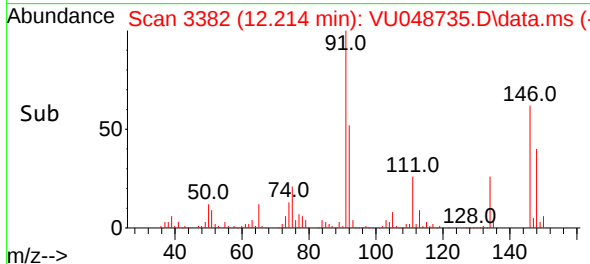
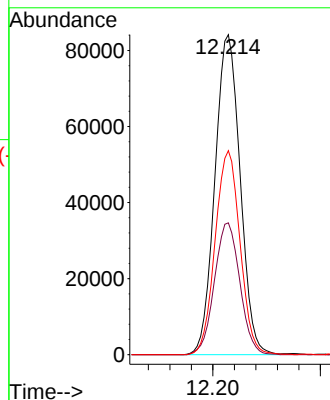
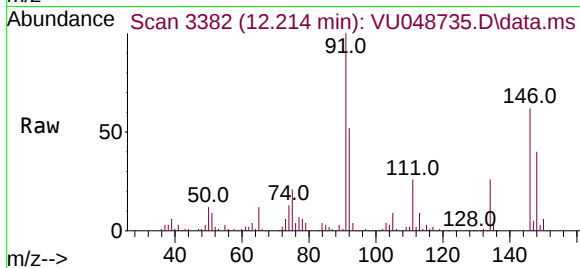
Tgt Ion:146 Resp: 137083

Ion Ratio Lower Upper

146 100

111 41.5 21.4 64.3

148 63.0 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.714 ug/l

RT: 12.996 min Scan# 3625

Delta R.T. 0.000 min

Lab File: VU048735.D

Acq: 31 May 2022 13:11

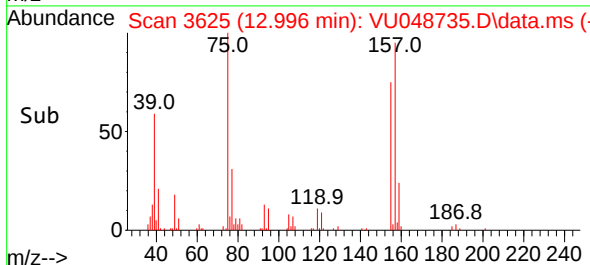
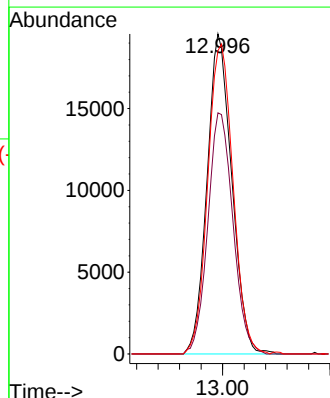
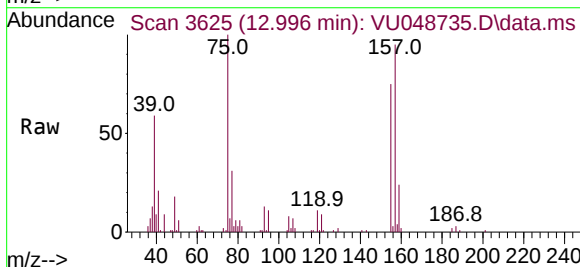
Tgt Ion: 75 Resp: 31209

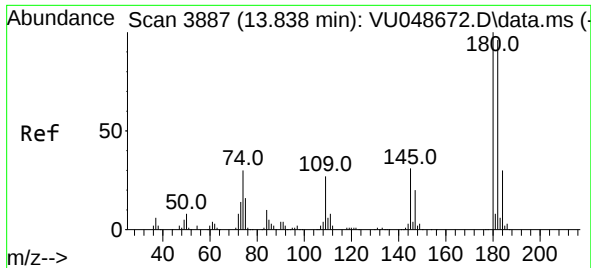
Ion Ratio Lower Upper

75 100

155 76.6 40.3 120.8

157 99.1 50.0 150.0

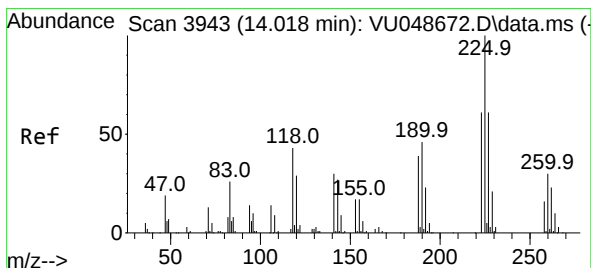
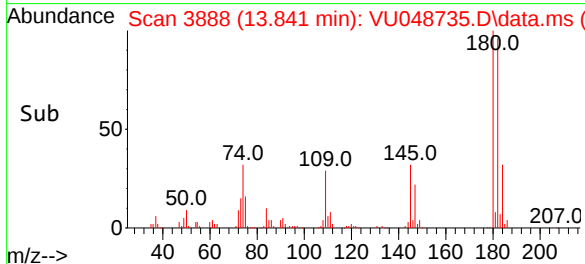
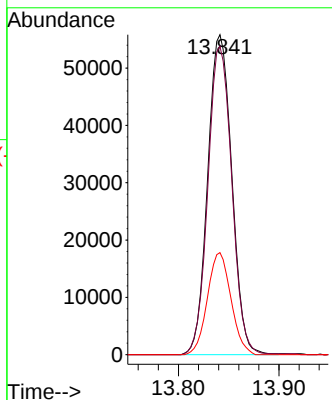
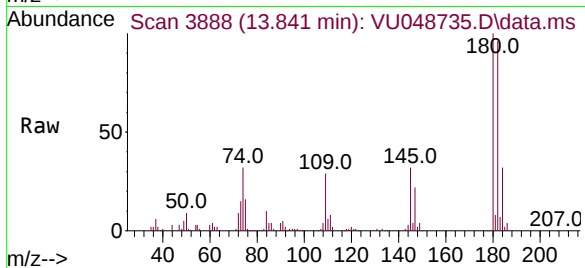




#93  
1,2,4-Trichlorobenzene  
Concen: 19.777 ug/l  
RT: 13.841 min Scan# 3888  
Delta R.T. 0.003 min  
Lab File: VU048735.D  
Acq: 31 May 2022 13:11

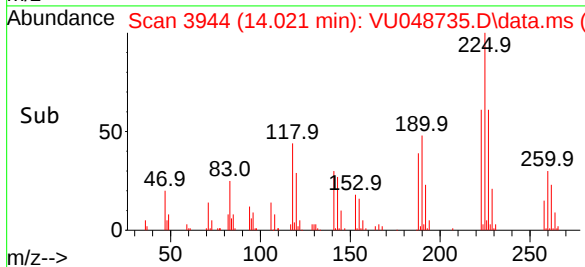
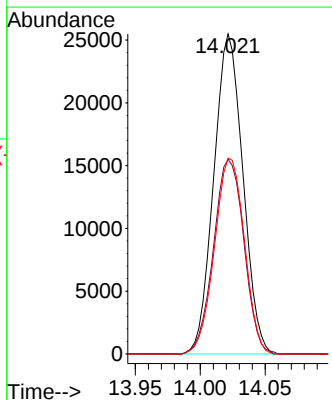
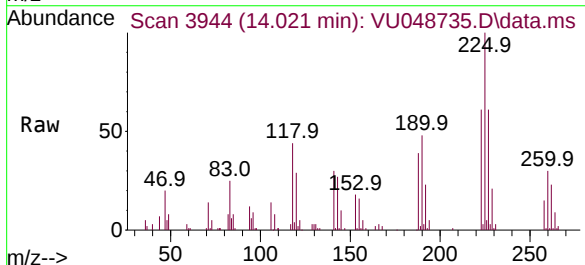
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0531MBS01

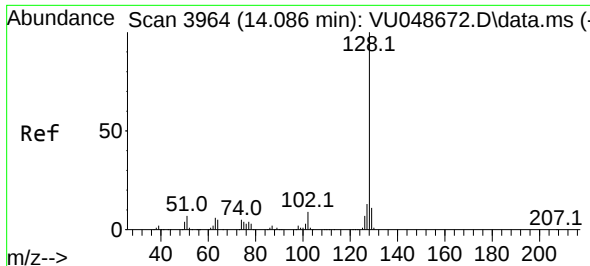
Tgt Ion:180 Resp: 93012  
Ion Ratio Lower Upper  
180 100  
182 95.7 48.3 144.9  
145 31.1 15.6 46.7



#94  
Hexachlorobutadiene  
Concen: 17.597 ug/l  
RT: 14.021 min Scan# 3944  
Delta R.T. 0.003 min  
Lab File: VU048735.D  
Acq: 31 May 2022 13:11

Tgt Ion:225 Resp: 39666  
Ion Ratio Lower Upper  
225 100  
223 63.6 30.9 92.8  
227 62.8 31.1 93.5

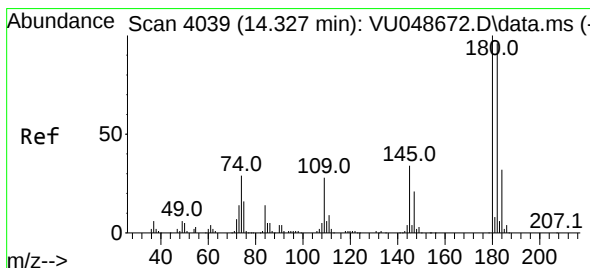
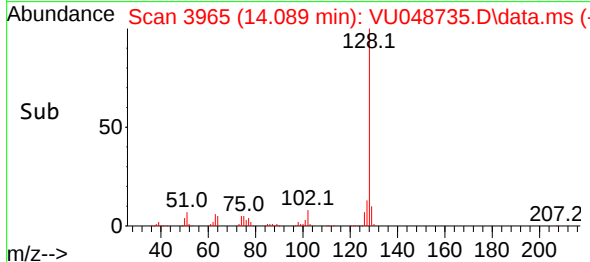
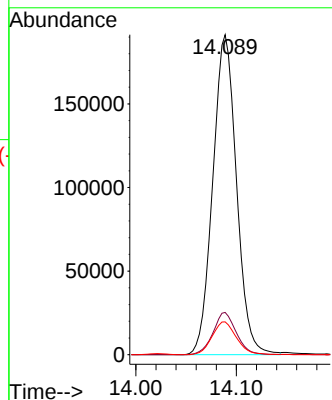
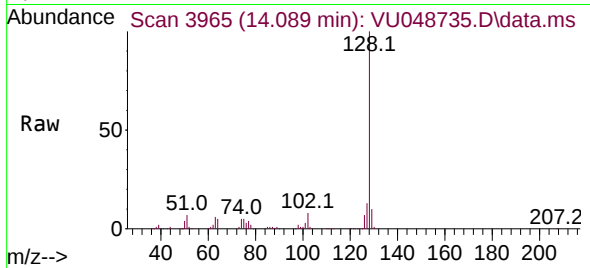




#95  
Naphthalene  
Concen: 20.664 ug/l  
RT: 14.089 min Scan# 3964  
Delta R.T. 0.003 min  
Lab File: VU048735.D  
Acq: 31 May 2022 13:11

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0531MBS01

Tgt Ion:128 Resp: 313739  
Ion Ratio Lower Upper  
128 100  
127 12.9 10.2 15.4  
129 10.5 8.7 13.1



#96  
1,2,3-Trichlorobenzene  
Concen: 19.615 ug/l  
RT: 14.330 min Scan# 4040  
Delta R.T. 0.003 min  
Lab File: VU048735.D  
Acq: 31 May 2022 13:11

Tgt Ion:180 Resp: 91366  
Ion Ratio Lower Upper  
180 100  
182 98.9 47.4 142.2  
145 34.2 16.6 49.8

