

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU062722\  
 Data File : VU049422.D  
 Acq On : 27 Jun 2022 23:32  
 Operator : SY/MD  
 Sample : VU0627WBS02  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0627WBS02

Quant Time: Jun 28 05:30:37 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U062722W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jun 28 05:14:22 2022  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Pentafluorobenzene        | 5.372  | 168   | 267168   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.247  | 114   | 470415   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 9.417  | 117   | 420803   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 11.812 | 152   | 195090   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 5.700  | 65    | 196962   | 47.870   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 78 - 117 | Recovery | =      | 95.740%  |
| 35) Dibromofluoromethane     | 5.288  | 113   | 159172   | 48.364   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 75 - 124 | Recovery | =      | 96.720%  |
| 50) Toluene-d8               | 7.896  | 98    | 574597   | 48.949   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 92 - 112 | Recovery | =      | 97.900%  |
| 62) 4-Bromofluorobenzene     | 10.632 | 95    | 212204   | 47.191   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 83 - 123 | Recovery | =      | 94.380%  |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.385  | 85    | 76929    | 17.919   | ug/l   | 97       |
| 3) Chloromethane             | 1.523  | 50    | 88733    | 16.365   | ug/l   | 97       |
| 4) Vinyl Chloride            | 1.604  | 62    | 81319    | 18.814   | ug/l   | 99       |
| 5) Bromomethane              | 1.848  | 94    | 30329    | 22.566   | ug/l   | 99       |
| 6) Chloroethane              | 1.925  | 64    | 46379    | 24.284   | ug/l   | 98       |
| 7) Trichlorofluoromethane    | 2.134  | 101   | 98720    | 17.921   | ug/l   | 99       |
| 8) Diethyl Ether             | 2.375  | 74    | 40059    | 20.132   | ug/l   | 88       |
| 9) 1,1,2-Trichlorotrifluo... | 2.578  | 101   | 59521    | 20.083   | ug/l   | 95       |
| 10) Methyl Iodide            | 2.719  | 142   | 73540    | 28.968   | ug/l   | 95       |
| 11) Tert butyl alcohol       | 3.356  | 59    | 3705     | 3.847    | ug/l # | 1        |
| 12) 1,1-Dichloroethene       | 2.578  | 96    | 59764    | 20.596   | ug/l   | 93       |
| 13) Acrolein                 | 2.485  | 56    | 50409    | 77.292   | ug/l   | 99       |
| 14) Allyl chloride           | 2.922  | 41    | 113051   | 19.277   | ug/l # | 88       |
| 15) Acrylonitrile            | 3.314  | 53    | 236776   | 102.226  | ug/l   | 99       |
| 16) Acetone                  | 2.629  | 43    | 193423   | 93.218   | ug/l   | 99       |
| 17) Carbon Disulfide         | 2.790  | 76    | 165746   | 18.315   | ug/l   | 99       |
| 18) Methyl Acetate           | 2.948  | 43    | 111177   | 19.793   | ug/l   | 92       |
| 19) Methyl tert-butyl Ether  | 3.362  | 73    | 219187   | 20.309   | ug/l   | 97       |
| 20) Methylene Chloride       | 3.044  | 84    | 74549    | 21.155   | ug/l   | 92       |
| 21) trans-1,2-Dichloroethene | 3.353  | 96    | 63547    | 20.315   | ug/l   | 93       |
| 22) Diisopropyl ether        | 3.989  | 45    | 224659   | 20.064   | ug/l   | 85       |
| 23) Vinyl Acetate            | 3.954  | 43    | 971318   | 98.971   | ug/l   | 94       |
| 24) 1,1-Dichloroethane       | 3.867  | 63    | 127414   | 19.810   | ug/l   | 96       |
| 25) 2-Butanone               | 4.703  | 43    | 316133   | 101.663  | ug/l   | 96       |
| 26) 2,2-Dichloropropane      | 4.661  | 77    | 78726    | 14.707   | ug/l   | 100      |
| 27) cis-1,2-Dichloroethene   | 4.665  | 96    | 74189    | 20.527   | ug/l   | 93       |
| 28) Bromochloromethane       | 4.973  | 49    | 56139    | 19.969   | ug/l # | 78       |
| 29) Tetrahydrofuran          | 5.050  | 42    | 214325   | 100.470  | ug/l   | 88       |
| 30) Chloroform               | 5.089  | 83    | 123478   | 19.408   | ug/l   | 98       |
| 31) Cyclohexane              | 5.388  | 56    | 118806   | 19.230   | ug/l   | 94       |
| 32) 1,1,1-Trichloroethane    | 5.314  | 97    | 105136   | 19.046   | ug/l   | 99       |
| 36) 1,1-Dichloropropene      | 5.526  | 75    | 88624    | 18.571   | ug/l   | 98       |
| 37) Ethyl Acetate            | 4.803  | 43    | 121539   | 18.638   | ug/l # | 95       |
| 38) Carbon Tetrachloride     | 5.523  | 117   | 89997    | 17.982   | ug/l   | 98       |
| 39) Methylcyclohexane        | 6.761  | 83    | 108503   | 18.969   | ug/l   | 91       |
| 40) Benzene                  | 5.774  | 78    | 275308   | 19.108   | ug/l   | 100      |

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 Sample : VU0627WBS02  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
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Quant Time: Jun 28 05:30:37 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U062722W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jun 28 05:14:22 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 4.973  | 41   | 61936    | 18.955  | ug/l # | 90       |
| 42) 1,2-Dichloroethane        | 5.793  | 62   | 97173    | 18.122  | ug/l   | 99       |
| 43) Isopropyl Acetate         | 5.912  | 43   | 179077   | 18.742  | ug/l   | 97       |
| 44) Trichloroethene           | 6.542  | 130  | 64941    | 18.961  | ug/l   | 88       |
| 45) 1,2-Dichloropropane       | 6.790  | 63   | 74236    | 18.595  | ug/l   | 98       |
| 46) Dibromomethane            | 6.919  | 93   | 50138    | 18.837  | ug/l   | 90       |
| 47) Bromodichloromethane      | 7.105  | 83   | 93209    | 18.194  | ug/l   | 99       |
| 48) Methyl methacrylate       | 6.960  | 41   | 86161    | 19.242  | ug/l   | 88       |
| 49) 1,4-Dioxane               | 6.980  | 88   | 49545    | 431.876 | ug/l # | 1        |
| 51) 4-Methyl-2-Pentanone      | 7.790  | 43   | 596023   | 93.206  | ug/l   | 96       |
| 52) Toluene                   | 7.967  | 92   | 163580   | 19.102  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 8.211  | 75   | 98689    | 17.959  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 7.607  | 75   | 108808   | 18.544  | ug/l   | 96       |
| 55) 1,1,2-Trichloroethane     | 8.401  | 97   | 67614    | 19.097  | ug/l   | 97       |
| 56) Ethyl methacrylate        | 8.333  | 69   | 116929   | 19.746  | ug/l   | 93       |
| 57) 1,3-Dichloropropane       | 8.574  | 76   | 118361   | 18.845  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 7.462  | 63   | 51728    | 118.930 | ug/l   | 95       |
| 59) 2-Hexanone                | 8.684  | 43   | 470162   | 93.495  | ug/l   | 95       |
| 60) Dibromochloromethane      | 8.809  | 129  | 68281    | 18.545  | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 8.922  | 107  | 73189    | 18.969  | ug/l   | 98       |
| 64) Tetrachloroethene         | 8.552  | 164  | 52011    | 19.270  | ug/l   | 94       |
| 65) Chlorobenzene             | 9.446  | 112  | 166628   | 19.369  | ug/l   | 97       |
| 66) 1,1,1,2-Tetrachloroethane | 9.533  | 131  | 63660    | 19.616  | ug/l   | 98       |
| 67) Ethyl Benzene             | 9.568  | 91   | 311031   | 19.694  | ug/l   | 97       |
| 68) m/p-Xylenes               | 9.693  | 106  | 229464   | 39.267  | ug/l   | 89       |
| 69) o-Xylene                  | 10.099 | 106  | 114489   | 19.735  | ug/l   | 88       |
| 70) Styrene                   | 10.115 | 104  | 185840   | 19.937  | ug/l   | 96       |
| 71) Bromoform                 | 10.291 | 173  | 51893    | 18.644  | ug/l # | 99       |
| 73) Isopropylbenzene          | 10.484 | 105  | 304466   | 21.908  | ug/l   | 95       |
| 74) N-amyl acetate            | 10.320 | 43   | 149790   | 20.365  | ug/l   | 94       |
| 75) 1,1,2,2-Tetrachloroethane | 10.783 | 83   | 120282   | 20.432  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 10.822 | 75   | 129867   | 19.637  | ug/l   | 97       |
| 77) Bromobenzene              | 10.780 | 156  | 70591    | 20.809  | ug/l   | 86       |
| 78) n-propylbenzene           | 10.906 | 91   | 347820   | 20.597  | ug/l   | 97       |
| 79) 2-Chlorotoluene           | 10.986 | 91   | 214800   | 20.646  | ug/l   | 92       |
| 80) 1,3,5-Trimethylbenzene    | 11.086 | 105  | 252137   | 20.782  | ug/l   | 95       |
| 81) trans-1,4-Dichloro-2-b... | 10.545 | 75   | 32256    | 18.012  | ug/l   | 93       |
| 82) 4-Chlorotoluene           | 11.095 | 91   | 236583   | 20.218  | ug/l   | 92       |
| 83) tert-Butylbenzene         | 11.420 | 119  | 253375   | 21.232  | ug/l   | 93       |
| 84) 1,2,4-Trimethylbenzene    | 11.465 | 105  | 253333   | 21.254  | ug/l   | 94       |
| 85) sec-Butylbenzene          | 11.642 | 105  | 308067   | 20.533  | ug/l   | 97       |
| 86) p-Isopropyltoluene        | 11.793 | 119  | 251749   | 20.748  | ug/l   | 97       |
| 87) 1,3-Dichlorobenzene       | 11.745 | 146  | 127548   | 19.667  | ug/l   | 97       |
| 88) 1,4-Dichlorobenzene       | 11.835 | 146  | 125653   | 19.276  | ug/l   | 95       |
| 89) n-Butylbenzene            | 12.208 | 91   | 216223   | 19.251  | ug/l   | 98       |
| 90) Hexachloroethane          | 12.475 | 117  | 44620    | 18.463  | ug/l   | 82       |
| 91) 1,2-Dichlorobenzene       | 12.211 | 146  | 129932   | 19.939  | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.995 | 75   | 29931    | 19.828  | ug/l   | 83       |
| 93) 1,2,4-Trichlorobenzene    | 13.838 | 180  | 84482    | 20.395  | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 14.021 | 225  | 36663    | 18.137  | ug/l   | 98       |
| 95) Naphthalene               | 14.085 | 128  | 329306   | 22.548  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 14.330 | 180  | 86946    | 20.061  | ug/l   | 97       |

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ALS Vial : 29 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U062722W.M  
Quant Title : SW846 8260  
QLast Update : Tue Jun 28 05:14:22 2022  
Response via : Initial Calibration

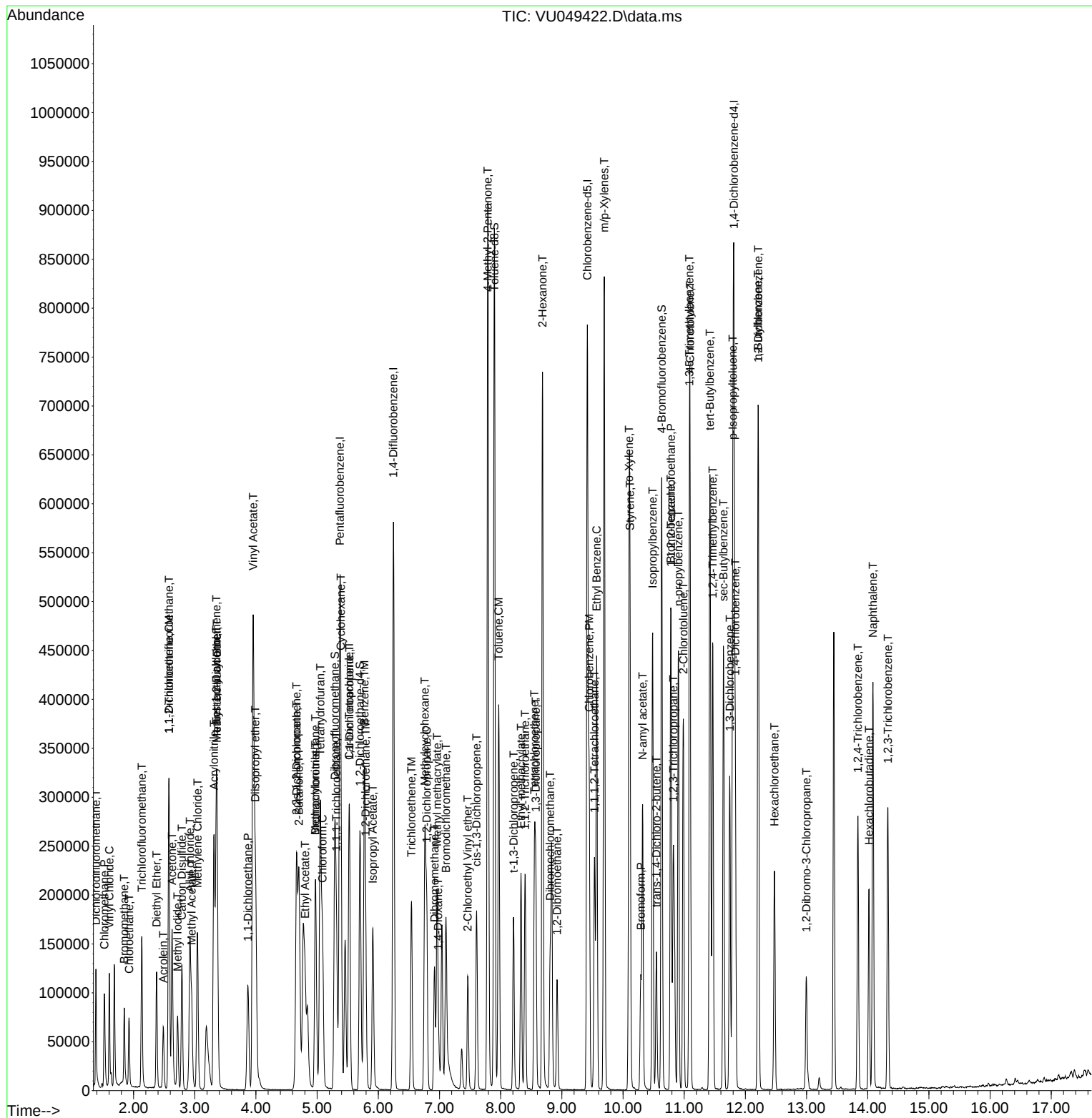
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

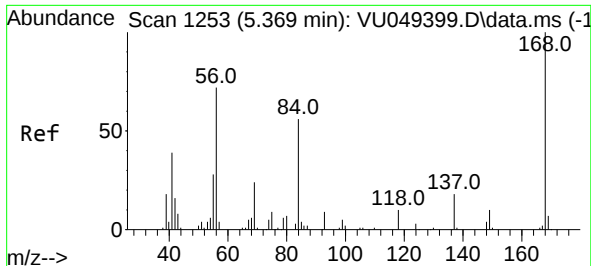
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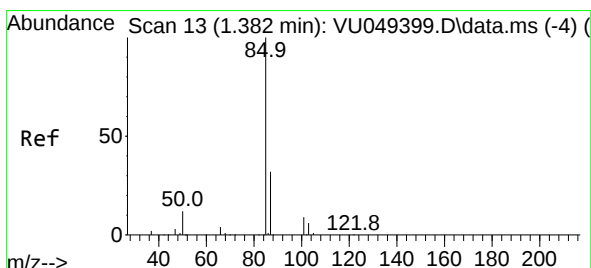
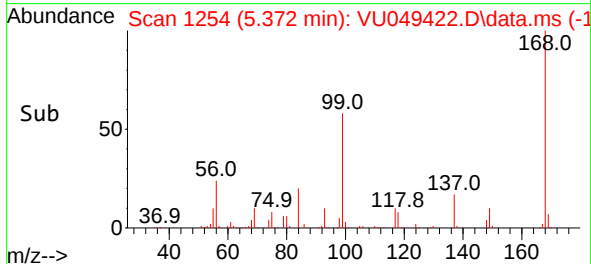
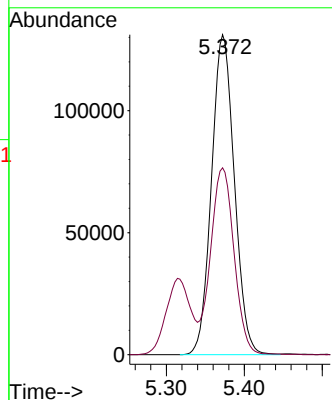
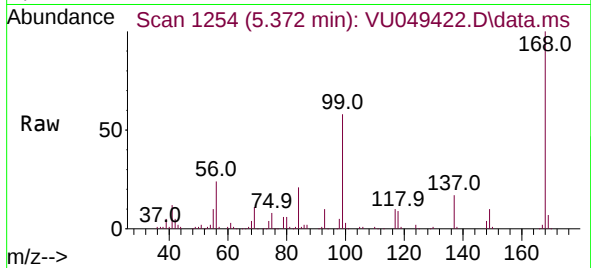




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.372 min Scan# 11  
Delta R.T. 0.003 min  
Lab File: VU049422.D  
Acq: 27 Jun 2022 23:32

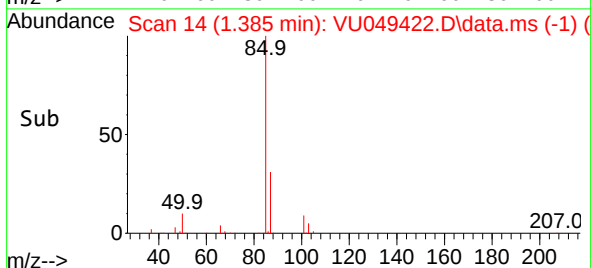
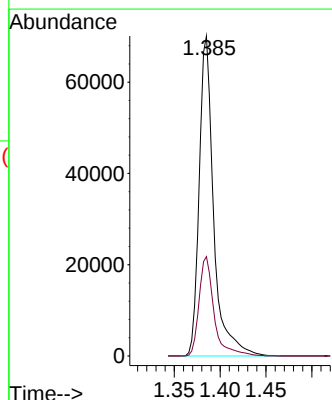
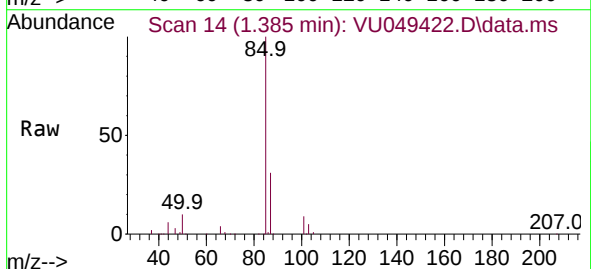
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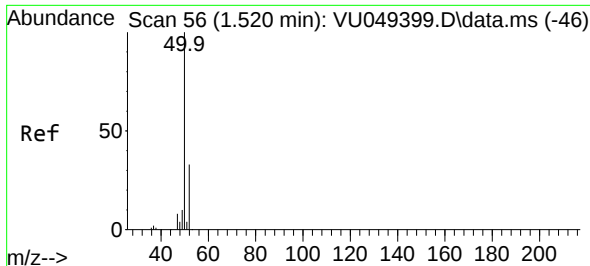
Tgt Ion:168 Resp: 267168  
Ion Ratio Lower Upper  
168 100  
99 58.2 39.3 58.9



#2  
Dichlorodifluoromethane  
Concen: 17.919 ug/l  
RT: 1.385 min Scan# 14  
Delta R.T. 0.003 min  
Lab File: VU049422.D  
Acq: 27 Jun 2022 23:32

Tgt Ion: 85 Resp: 76929  
Ion Ratio Lower Upper  
85 100  
87 31.0 16.4 49.2

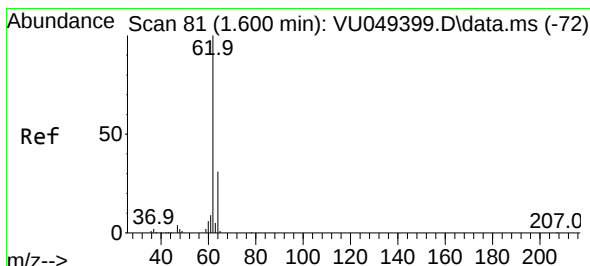
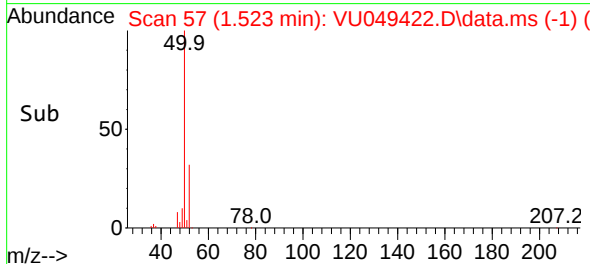
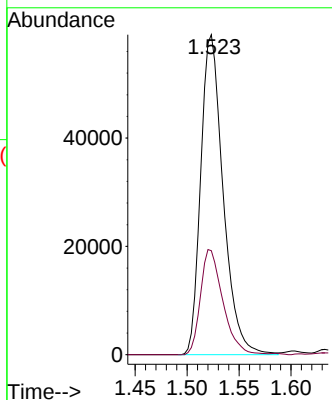
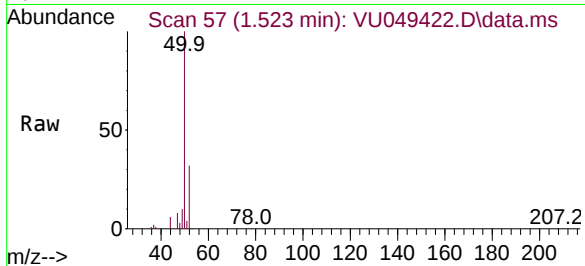




#3  
Chloromethane  
Concen: 16.365 ug/l  
RT: 1.523 min Scan# 51  
Delta R.T. 0.003 min  
Lab File: VU049422.D  
Acq: 27 Jun 2022 23:32

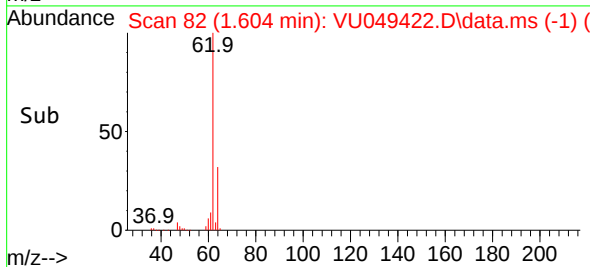
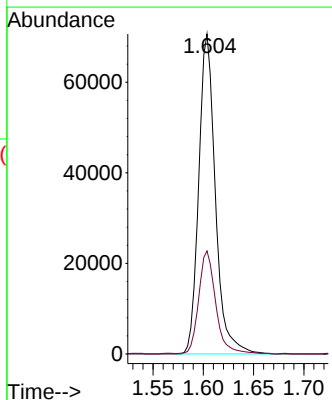
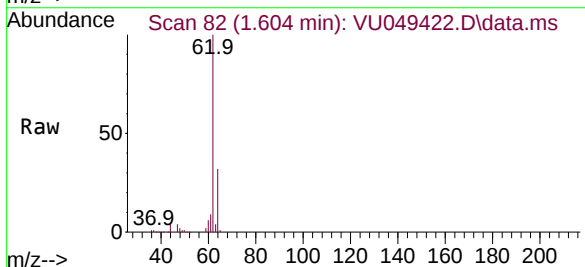
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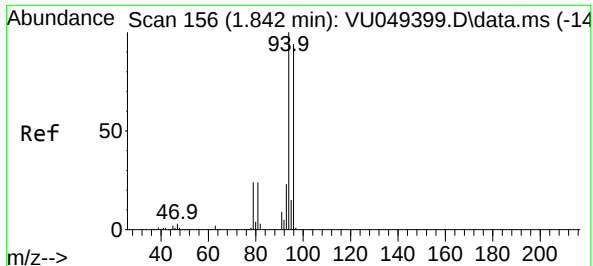
Tgt Ion: 50 Resp: 88733  
Ion Ratio Lower Upper  
50 100  
52 32.5 27.4 41.2



#4  
Vinyl Chloride  
Concen: 18.814 ug/l  
RT: 1.604 min Scan# 82  
Delta R.T. 0.003 min  
Lab File: VU049422.D  
Acq: 27 Jun 2022 23:32

Tgt Ion: 62 Resp: 81319  
Ion Ratio Lower Upper  
62 100  
64 32.2 25.3 37.9

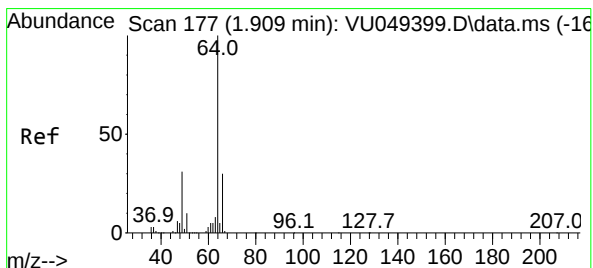
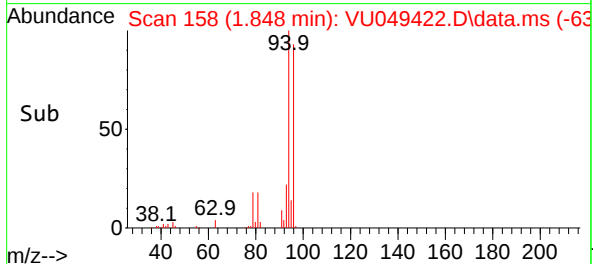
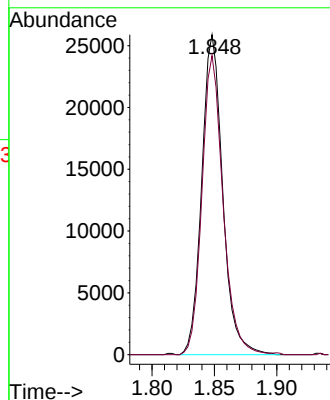
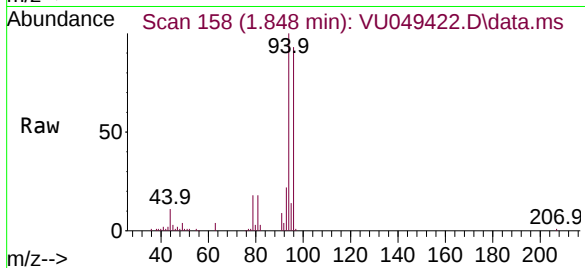




#5  
Bromomethane  
Concen: 22.566 ug/l  
RT: 1.848 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VU049422.D  
Acq: 27 Jun 2022 23:32

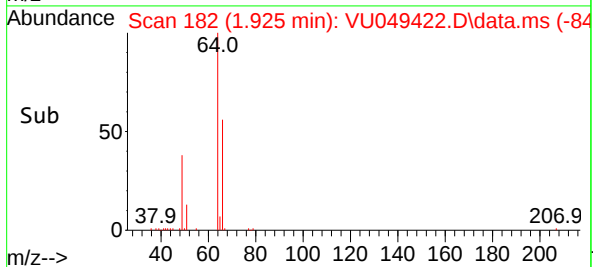
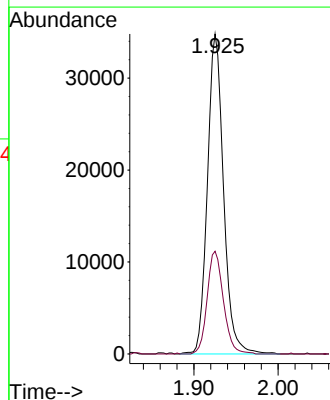
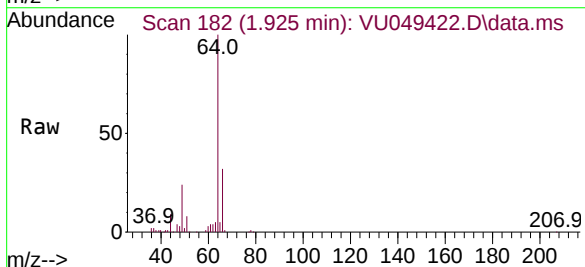
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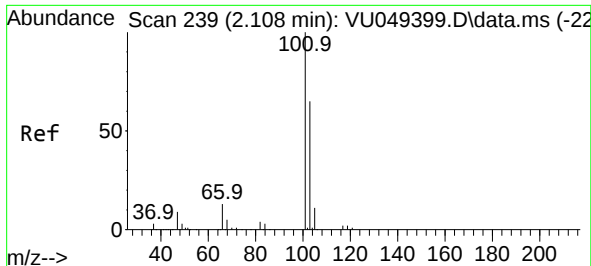
Tgt Ion: 94 Resp: 30329  
Ion Ratio Lower Upper  
94 100  
96 93.4 73.7 110.5



#6  
Chloroethane  
Concen: 24.284 ug/l  
RT: 1.925 min Scan# 182  
Delta R.T. 0.016 min  
Lab File: VU049422.D  
Acq: 27 Jun 2022 23:32

Tgt Ion: 64 Resp: 46379  
Ion Ratio Lower Upper  
64 100  
66 32.1 24.7 37.1

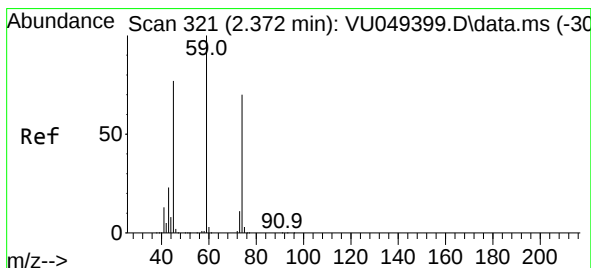
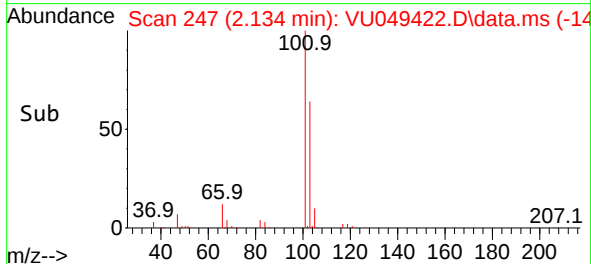
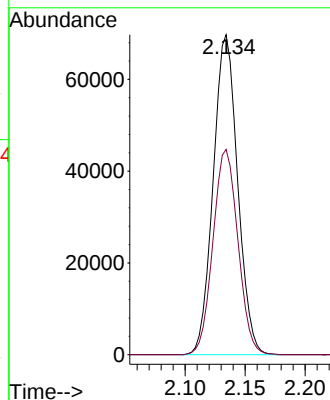
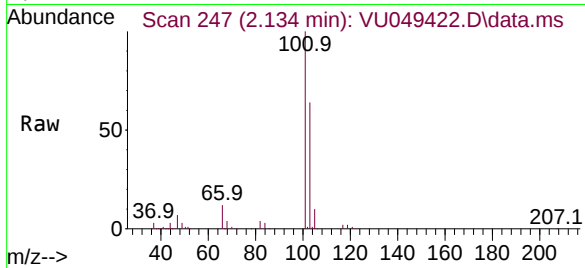




#7  
 Trichlorofluoromethane  
 Concen: 17.921 ug/l  
 RT: 2.134 min Scan# 241  
 Delta R.T. 0.026 min  
 Lab File: VU049422.D  
 Acq: 27 Jun 2022 23:32

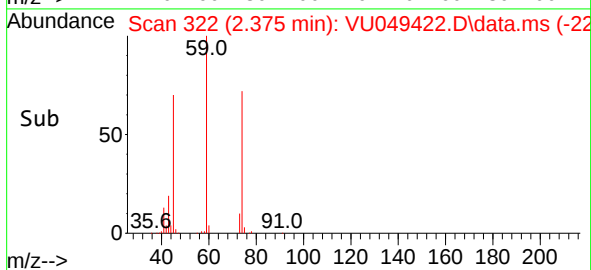
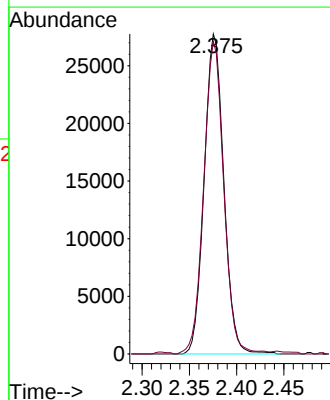
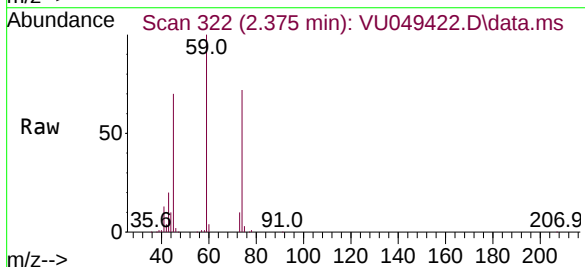
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0627WBS02

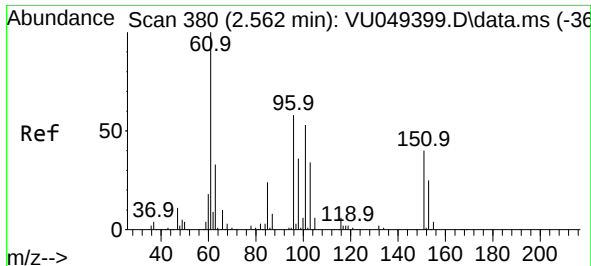
Tgt Ion:101 Resp: 98720  
 Ion Ratio Lower Upper  
 101 100  
 103 64.2 50.6 75.8



#8  
 Diethyl Ether  
 Concen: 20.132 ug/l  
 RT: 2.375 min Scan# 322  
 Delta R.T. 0.003 min  
 Lab File: VU049422.D  
 Acq: 27 Jun 2022 23:32

Tgt Ion: 74 Resp: 40059  
 Ion Ratio Lower Upper  
 74 100  
 45 99.8 44.4 133.2

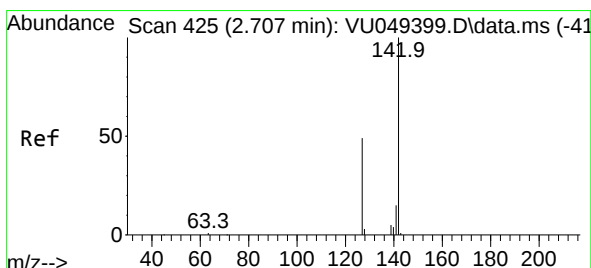
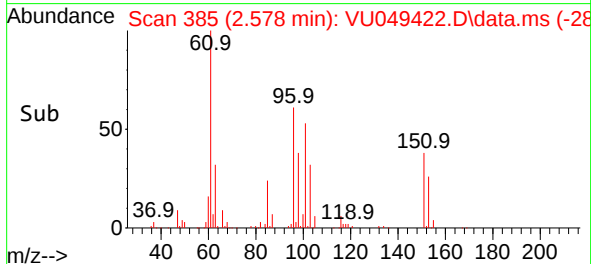
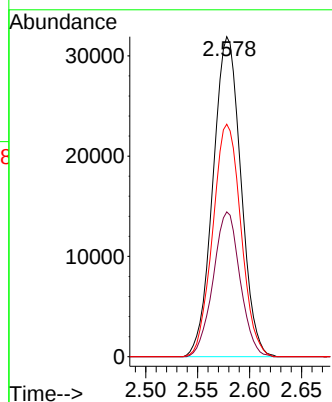
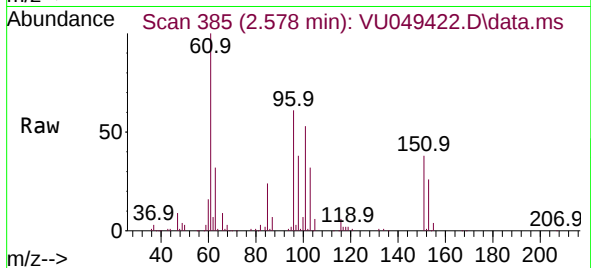




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 20.083 ug/l  
RT: 2.578 min Scan# 380  
Delta R.T. 0.016 min  
Lab File: VU049422.D  
Acq: 27 Jun 2022 23:32

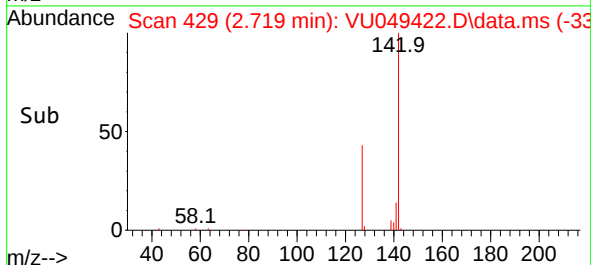
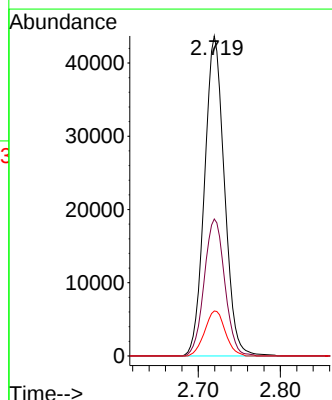
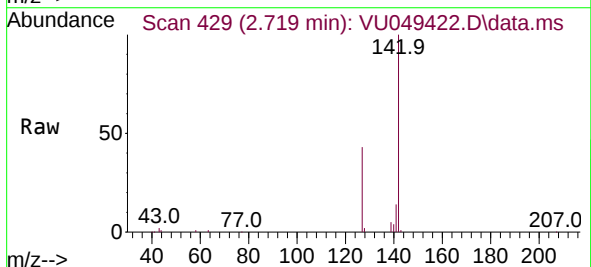
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0627WBS02

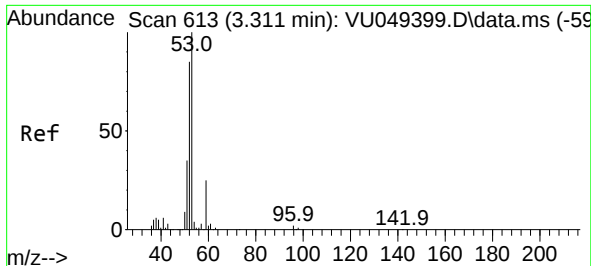
Tgt Ion:101 Resp: 59521  
Ion Ratio Lower Upper  
101 100  
85 43.7 33.9 50.9  
151 73.6 64.0 96.0



#10  
Methyl Iodide  
Concen: 28.968 ug/l  
RT: 2.719 min Scan# 429  
Delta R.T. 0.013 min  
Lab File: VU049422.D  
Acq: 27 Jun 2022 23:32

Tgt Ion:142 Resp: 73540  
Ion Ratio Lower Upper  
142 100  
127 44.2 32.5 48.7  
141 14.6 11.4 17.0

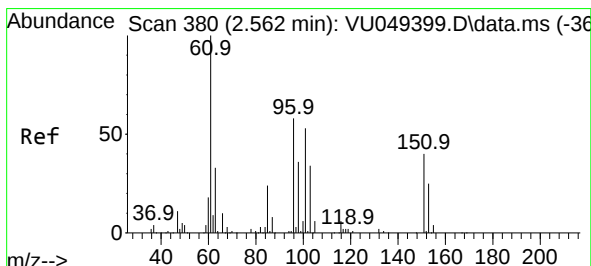
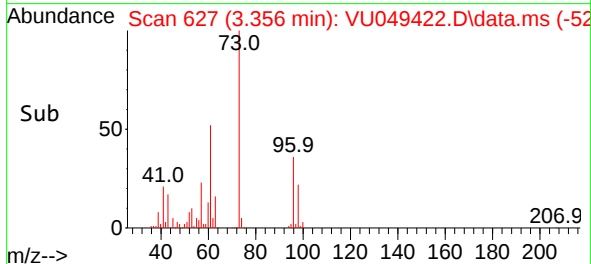
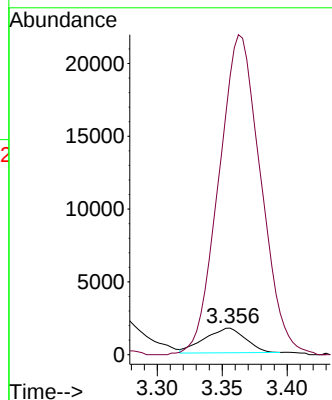
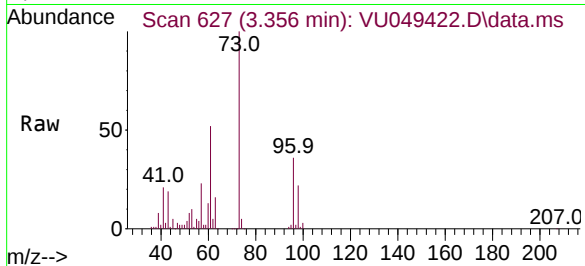




#11  
Tert butyl alcohol  
Concen: 3.847 ug/l  
RT: 3.356 min Scan# 613  
Delta R.T. 0.045 min  
Lab File: VU049422.D  
Acq: 27 Jun 2022 23:32

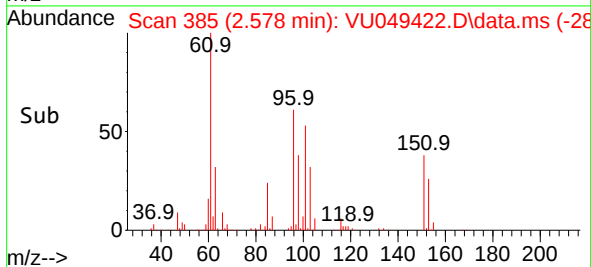
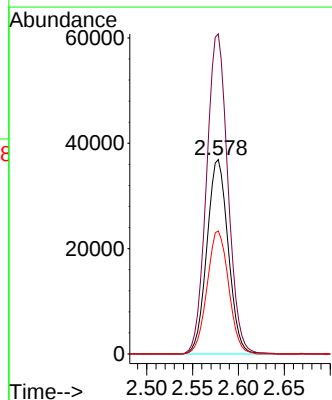
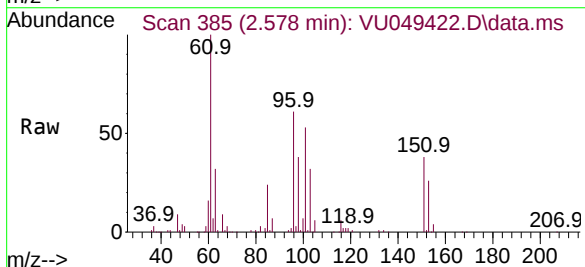
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0627WBS02

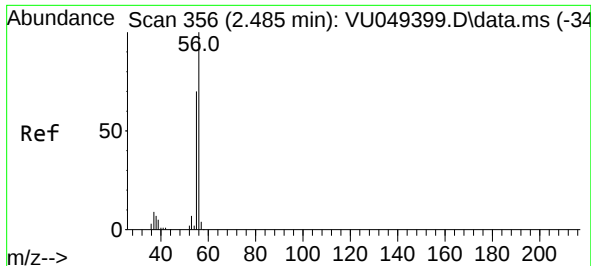
Tgt Ion: 59 Resp: 3705  
Ion Ratio Lower Upper  
59 100  
57 1337.5 30.6 45.8#



#12  
1,1-Dichloroethene  
Concen: 20.596 ug/l  
RT: 2.578 min Scan# 385  
Delta R.T. 0.016 min  
Lab File: VU049422.D  
Acq: 27 Jun 2022 23:32

Tgt Ion: 96 Resp: 59764  
Ion Ratio Lower Upper  
96 100  
61 164.6 122.2 183.2  
98 63.3 50.7 76.1





#13

Acrolein

Concen: 77.292 ug/l

RT: 2.485 min Scan# 356

Delta R.T. 0.000 min

Lab File: VU049422.D

Acq: 27 Jun 2022 23:32

Instrument :

MSVOA\_U

ClientSampleId :

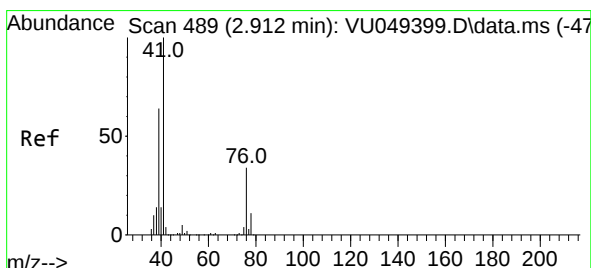
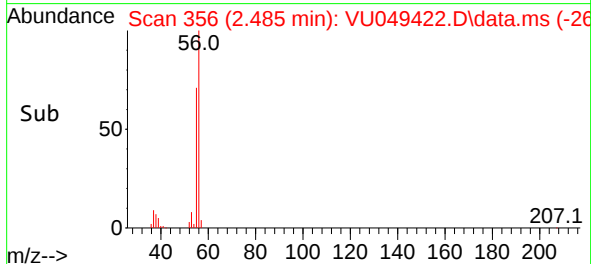
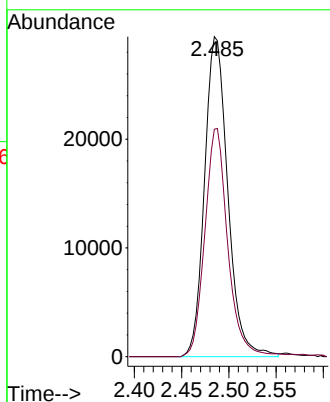
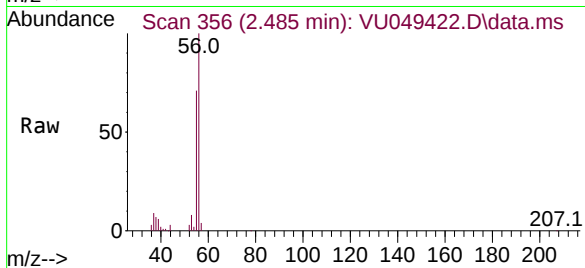
VU0627WBS02

Tgt Ion: 56 Resp: 50409

Ion Ratio Lower Upper

56 100

55 70.3 56.6 85.0



#14

Allyl chloride

Concen: 19.277 ug/l

RT: 2.922 min Scan# 492

Delta R.T. 0.010 min

Lab File: VU049422.D

Acq: 27 Jun 2022 23:32

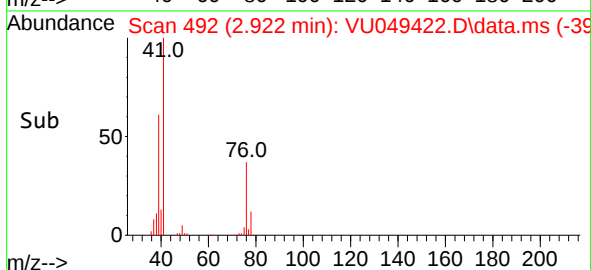
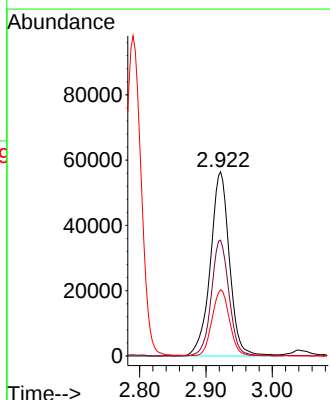
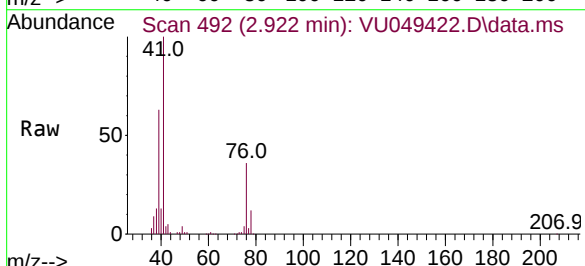
Tgt Ion: 41 Resp: 113051

Ion Ratio Lower Upper

41 100

39 58.4 53.4 80.2

76 32.4 33.8 50.6#

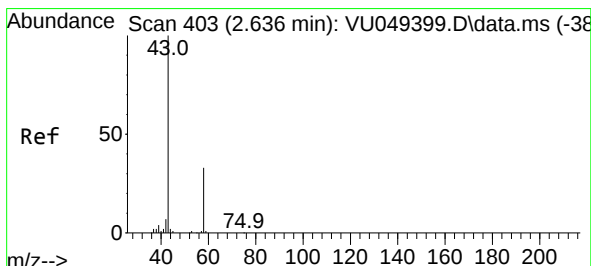
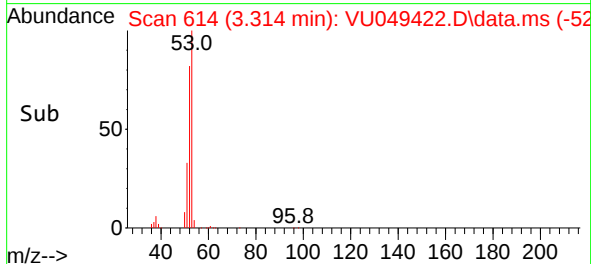
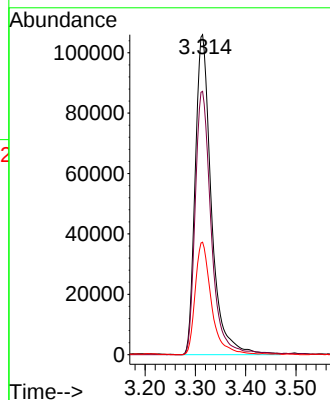
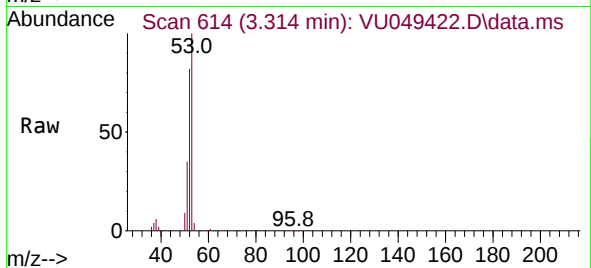




#15  
Acrylonitrile  
Concen: 102.226 ug/l  
RT: 3.314 min Scan# 615  
Delta R.T. -0.003 min  
Lab File: VU049422.D  
Acq: 27 Jun 2022 23:32

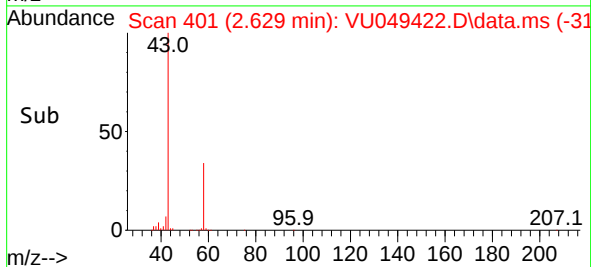
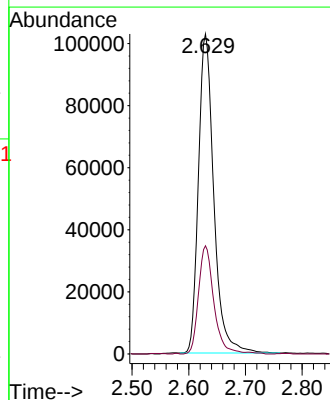
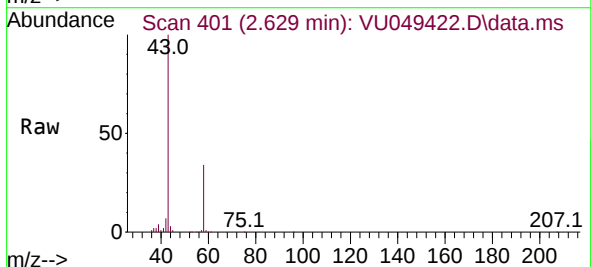
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0627WBS02

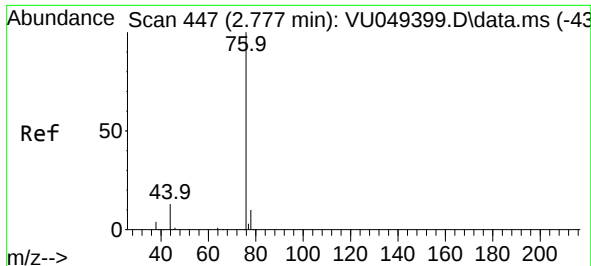
Tgt Ion: 53 Resp: 236776  
Ion Ratio Lower Upper  
53 100  
52 80.5 65.7 98.5  
51 35.2 28.2 42.4



#16  
Acetone  
Concen: 93.218 ug/l  
RT: 2.629 min Scan# 401  
Delta R.T. -0.006 min  
Lab File: VU049422.D  
Acq: 27 Jun 2022 23:32

Tgt Ion: 43 Resp: 193423  
Ion Ratio Lower Upper  
43 100  
58 33.9 27.5 41.3

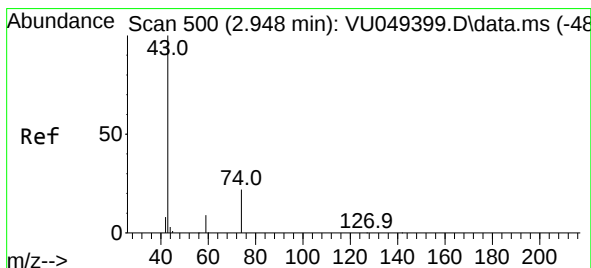
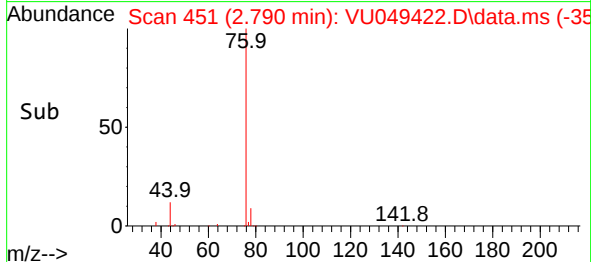
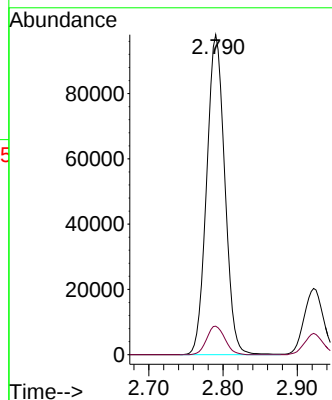
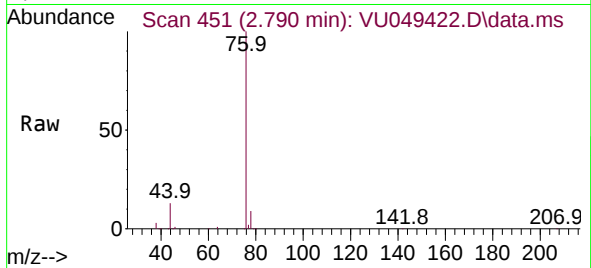




#17  
Carbon Disulfide  
Concen: 18.315 ug/l  
RT: 2.790 min Scan# 41  
Delta R.T. 0.013 min  
Lab File: VU049422.D  
Acq: 27 Jun 2022 23:32

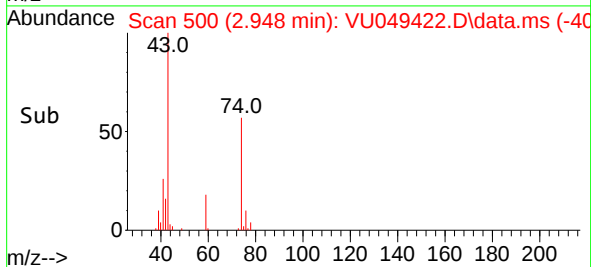
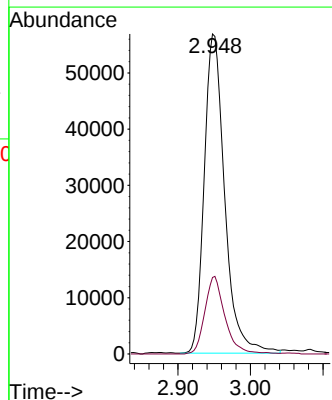
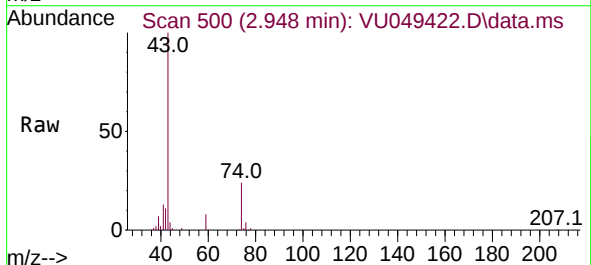
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0627WBS02

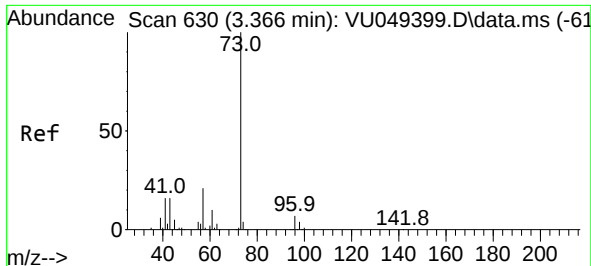
Tgt Ion: 76 Resp: 165746  
Ion Ratio Lower Upper  
76 100  
78 8.9 7.3 10.9



#18  
Methyl Acetate  
Concen: 19.793 ug/l  
RT: 2.948 min Scan# 500  
Delta R.T. 0.000 min  
Lab File: VU049422.D  
Acq: 27 Jun 2022 23:32

Tgt Ion: 43 Resp: 111177  
Ion Ratio Lower Upper  
43 100  
74 23.9 22.5 33.7

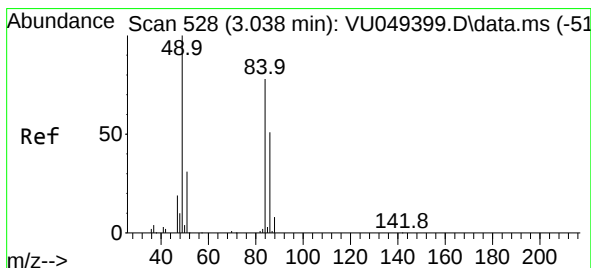
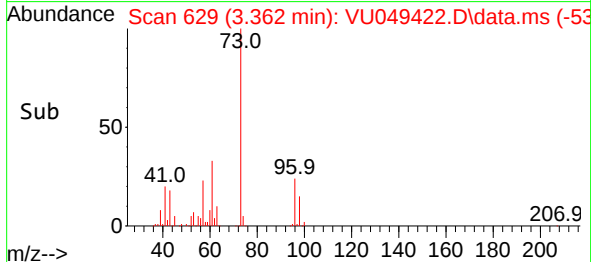
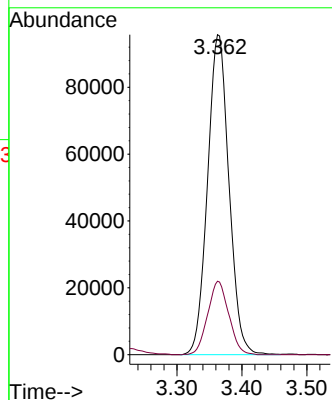
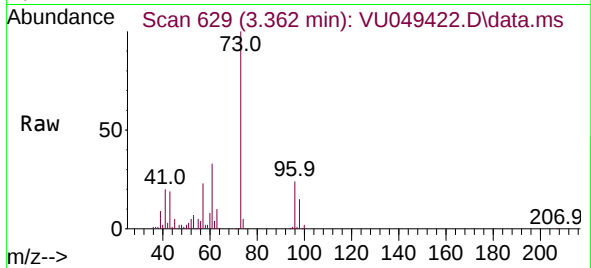




#19  
Methyl tert-butyl Ether  
Concen: 20.309 ug/l  
RT: 3.362 min Scan# 61  
Delta R.T. -0.003 min  
Lab File: VU049422.D  
Acq: 27 Jun 2022 23:32

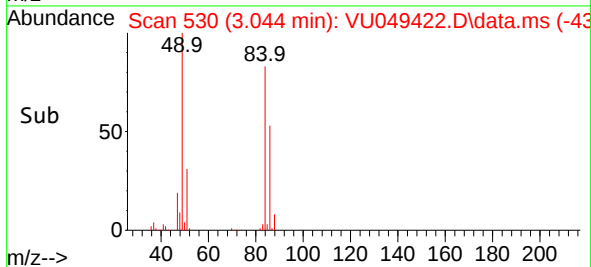
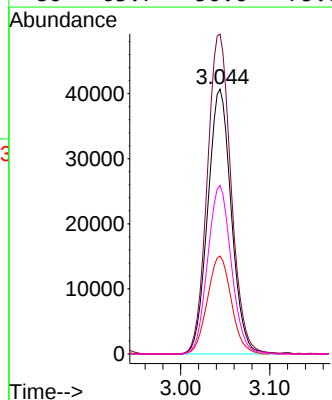
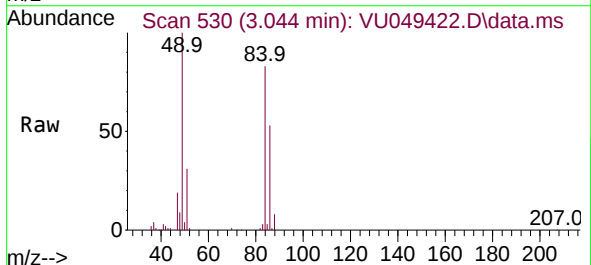
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0627WBS02

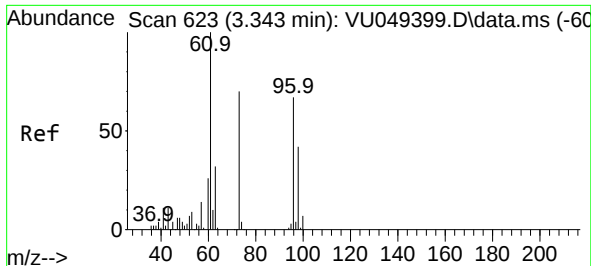
Tgt Ion: 73 Resp: 219187  
Ion Ratio Lower Upper  
73 100  
57 23.0 17.1 25.7



#20  
Methylene Chloride  
Concen: 21.155 ug/l  
RT: 3.044 min Scan# 530  
Delta R.T. 0.006 min  
Lab File: VU049422.D  
Acq: 27 Jun 2022 23:32

Tgt Ion: 84 Resp: 74549  
Ion Ratio Lower Upper  
84 100  
49 120.8 86.6 129.8  
51 37.0 26.6 40.0  
86 63.7 50.6 75.8

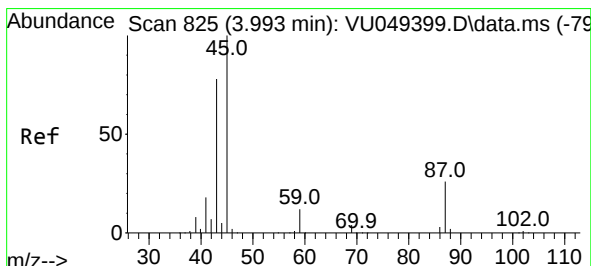
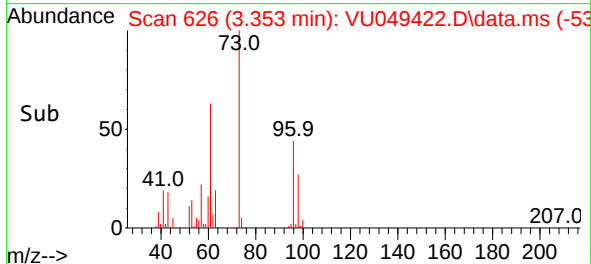
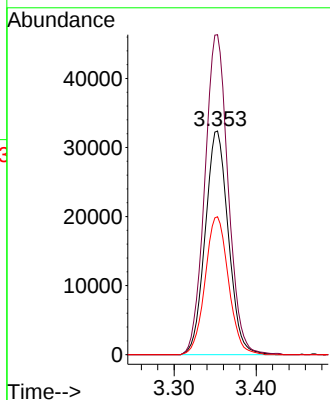
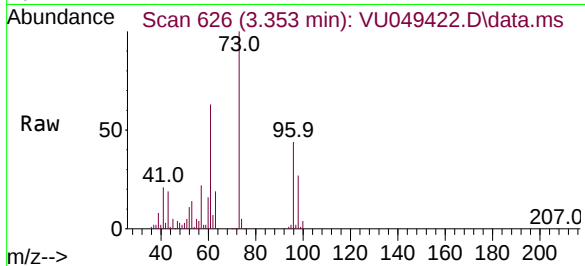




#21  
trans-1,2-Dichloroethene  
Concen: 20.315 ug/l  
RT: 3.353 min Scan# 61  
Delta R.T. 0.010 min  
Lab File: VU049422.D  
Acq: 27 Jun 2022 23:32

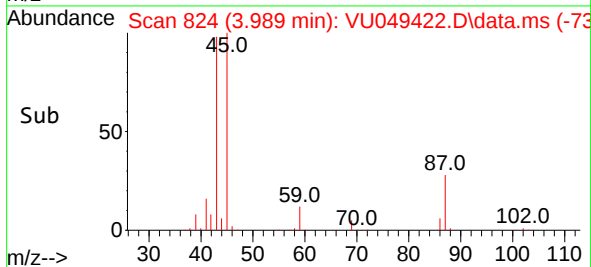
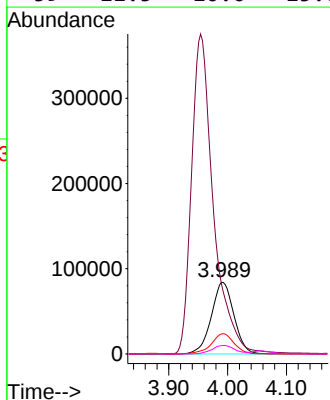
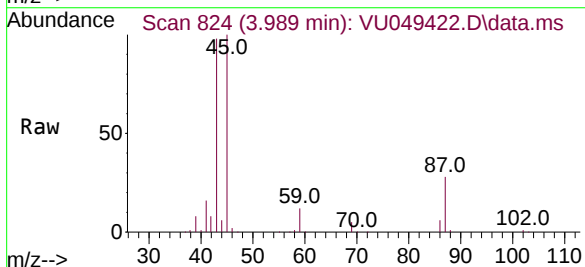
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0627WBS02

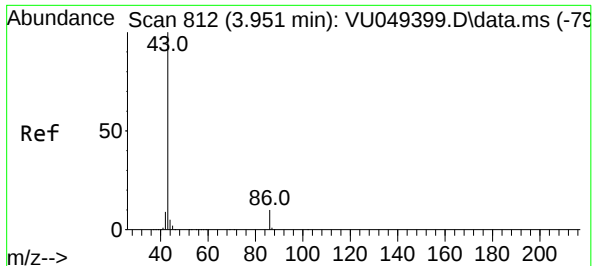
Tgt Ion: 96 Resp: 63547  
Ion Ratio Lower Upper  
96 100  
61 143.1 106.1 159.1  
98 61.7 50.8 76.2



#22  
Diisopropyl ether  
Concen: 20.064 ug/l  
RT: 3.989 min Scan# 824  
Delta R.T. -0.003 min  
Lab File: VU049422.D  
Acq: 27 Jun 2022 23:32

Tgt Ion: 45 Resp: 224659  
Ion Ratio Lower Upper  
45 100  
43 96.3 92.9 139.3  
87 27.9 26.2 39.2  
59 11.5 10.0 15.0

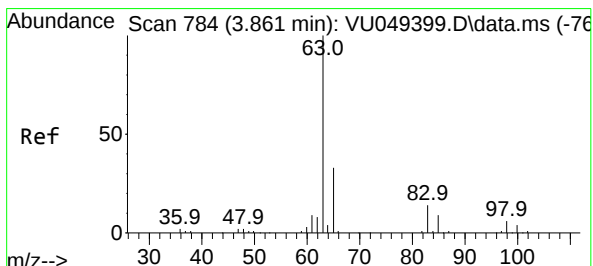
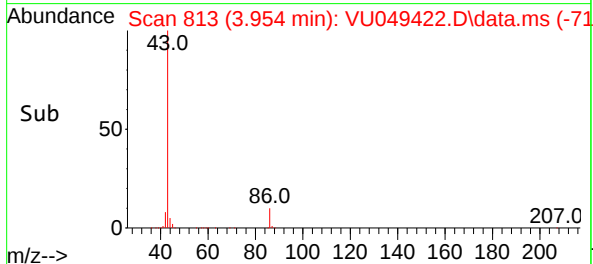
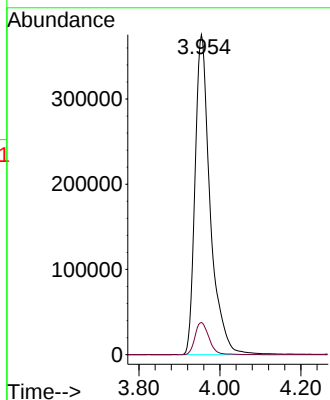
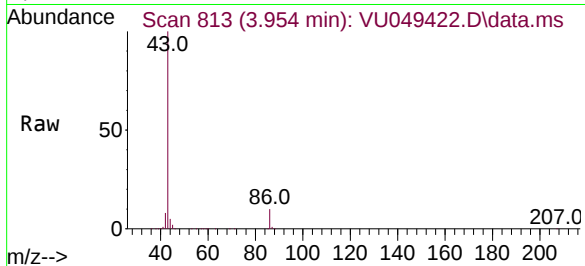




#23  
 Vinyl Acetate  
 Concen: 98.971 ug/l  
 RT: 3.954 min Scan# 812  
 Delta R.T. 0.003 min  
 Lab File: VU049422.D  
 Acq: 27 Jun 2022 23:32

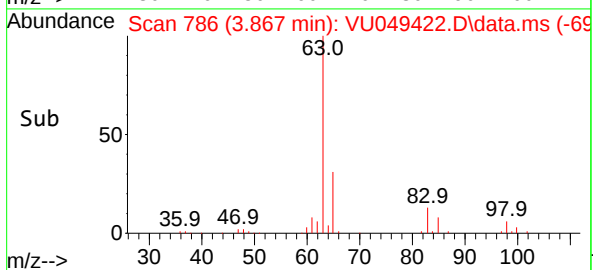
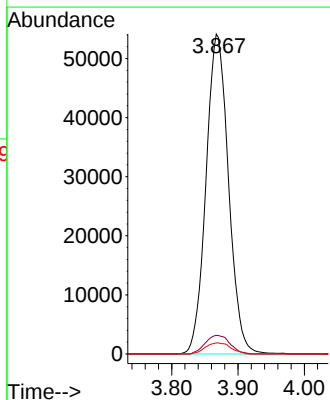
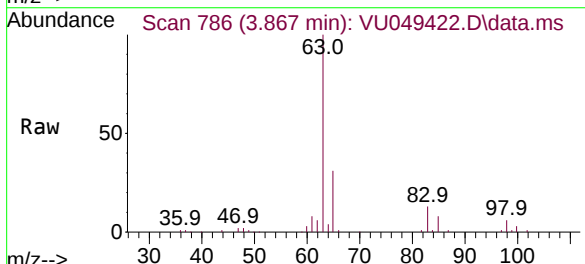
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0627WBS02

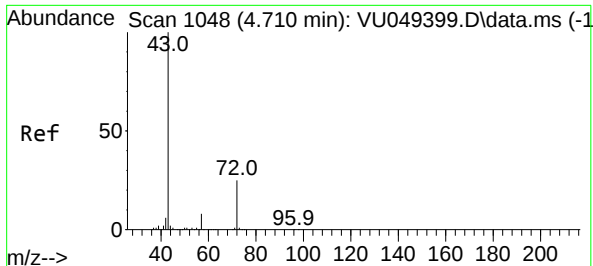
Tgt Ion: 43 Resp: 971318  
 Ion Ratio Lower Upper  
 43 100  
 86 10.0 9.8 14.8



#24  
 1,1-Dichloroethane  
 Concen: 19.810 ug/l  
 RT: 3.867 min Scan# 786  
 Delta R.T. 0.006 min  
 Lab File: VU049422.D  
 Acq: 27 Jun 2022 23:32

Tgt Ion: 63 Resp: 127414  
 Ion Ratio Lower Upper  
 63 100  
 98 5.8 3.6 10.9  
 100 3.5 2.4 7.2





#25

2-Butanone

Concen: 101.663 ug/l

RT: 4.703 min Scan# 1046

Delta R.T. -0.006 min

Lab File: VU049422.D

Acq: 27 Jun 2022 23:32

Instrument :

MSVOA\_U

ClientSampleId :

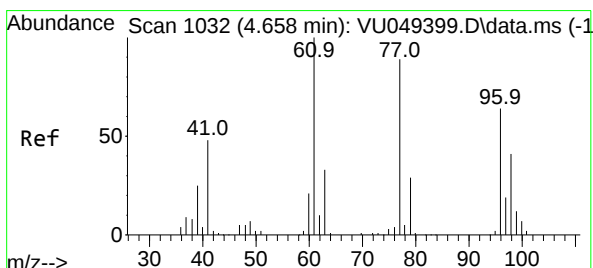
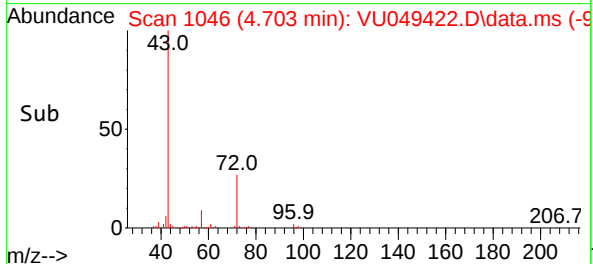
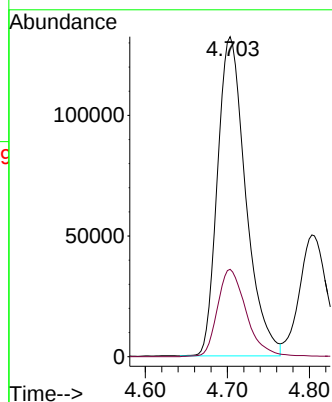
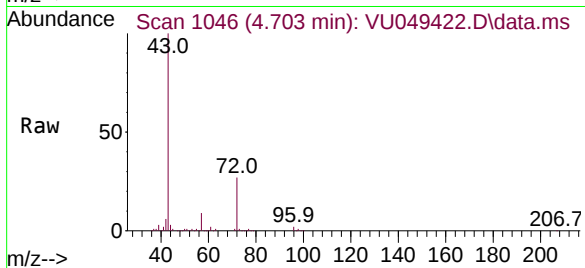
VU0627WBS02

Tgt Ion: 43 Resp: 316133

Ion Ratio Lower Upper

43 100

72 27.4 23.8 35.6



#26

2,2-Dichloropropane

Concen: 14.707 ug/l

RT: 4.661 min Scan# 1033

Delta R.T. 0.003 min

Lab File: VU049422.D

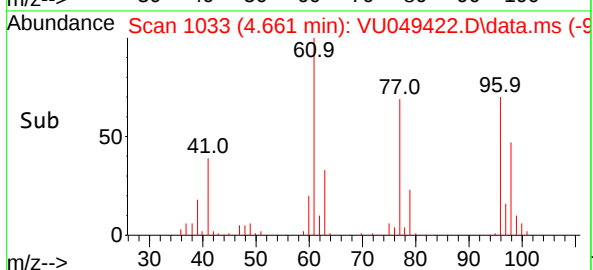
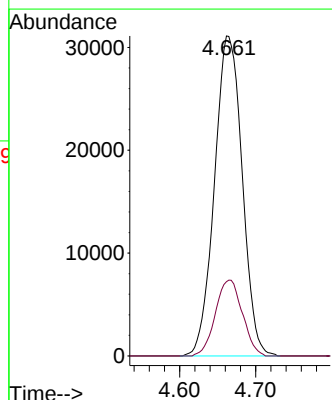
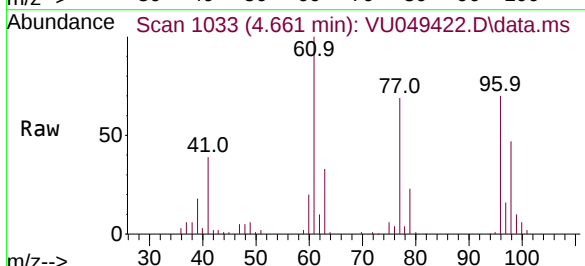
Acq: 27 Jun 2022 23:32

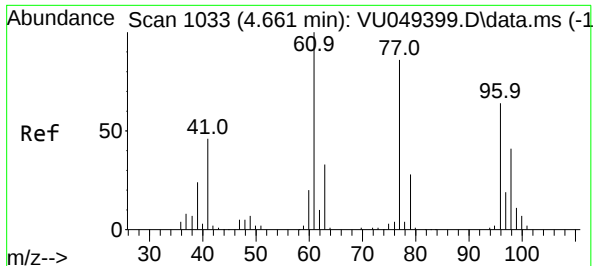
Tgt Ion: 77 Resp: 78726

Ion Ratio Lower Upper

77 100

97 23.1 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 20.527 ug/l

RT: 4.665 min Scan# 110

Delta R.T. 0.003 min

Lab File: VU049422.D

Acq: 27 Jun 2022 23:32

Instrument :

MSVOA\_U

ClientSampleId :

VU0627WBS02

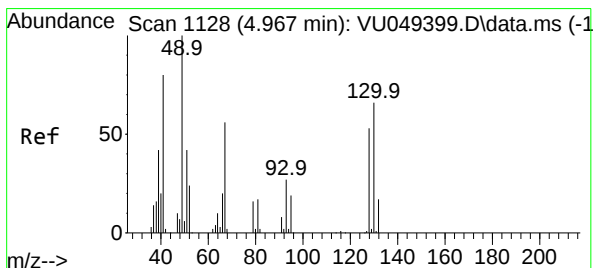
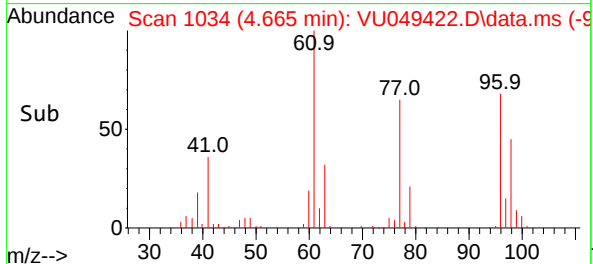
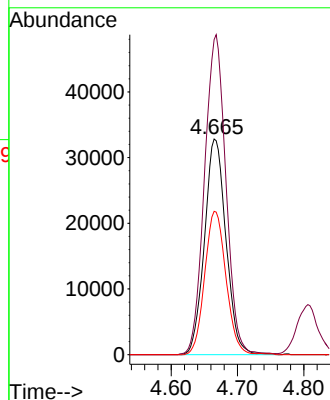
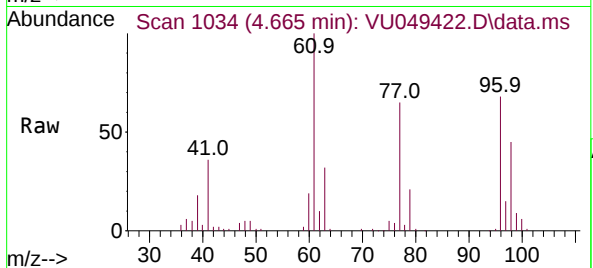
Tgt Ion: 96 Resp: 74189

Ion Ratio Lower Upper

96 100

61 147.7 0.0 271.6

98 65.8 0.0 128.2



#28

Bromochloromethane

Concen: 19.969 ug/l

RT: 4.973 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VU049422.D

Acq: 27 Jun 2022 23:32

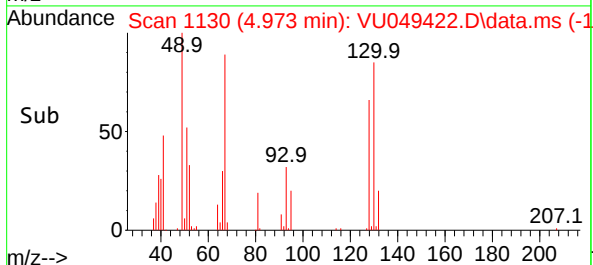
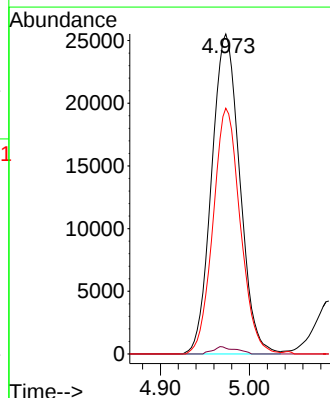
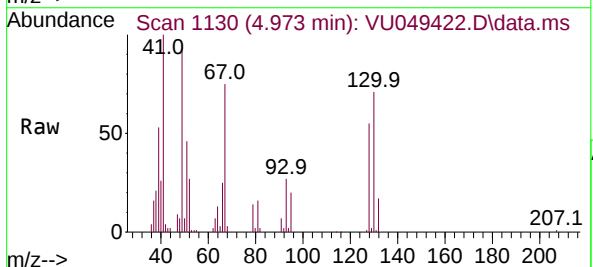
Tgt Ion: 49 Resp: 56139

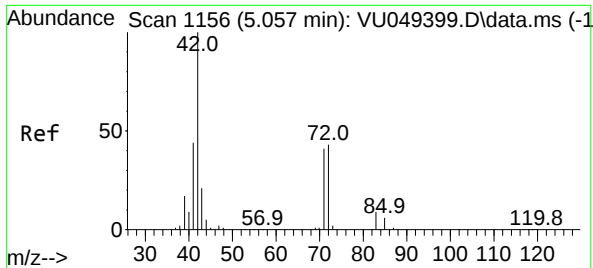
Ion Ratio Lower Upper

49 100

129 1.8 0.0 4.6

130 74.2 76.9 115.3#





#29

Tetrahydrofuran

Concen: 100.470 ug/l

RT: 5.050 min Scan# 1154

Delta R.T. -0.006 min

Lab File: VU049422.D

Acq: 27 Jun 2022 23:32

Instrument :

MSVOA\_U

ClientSampleId :

VU0627WBS02

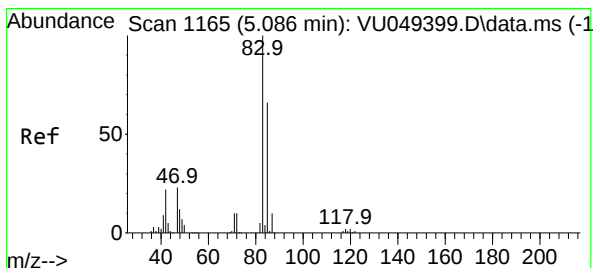
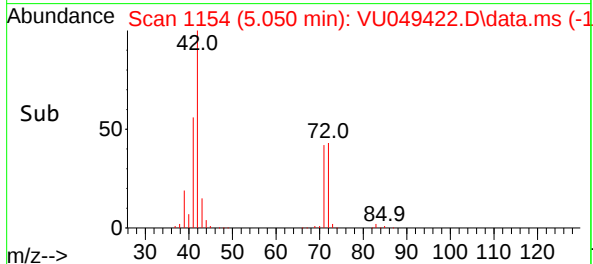
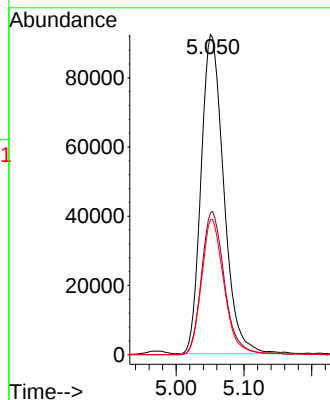
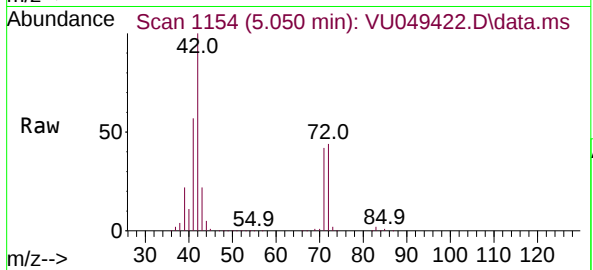
Tgt Ion: 42 Resp: 214325

Ion Ratio Lower Upper

42 100

72 45.1 42.6 63.8

71 42.2 40.3 60.5



#30

Chloroform

Concen: 19.408 ug/l

RT: 5.089 min Scan# 1166

Delta R.T. 0.003 min

Lab File: VU049422.D

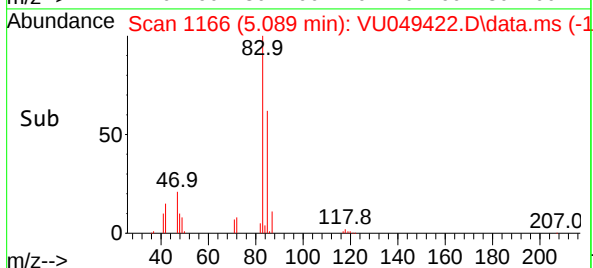
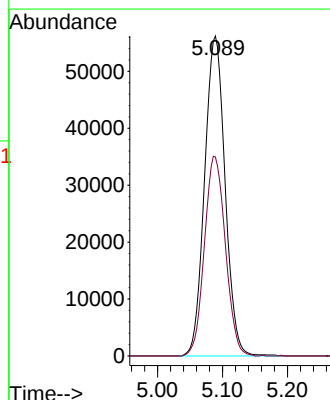
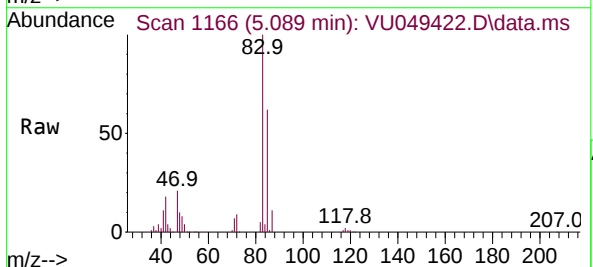
Acq: 27 Jun 2022 23:32

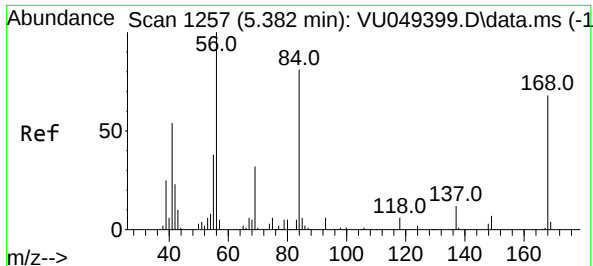
Tgt Ion: 83 Resp: 123478

Ion Ratio Lower Upper

83 100

85 62.2 51.2 76.8

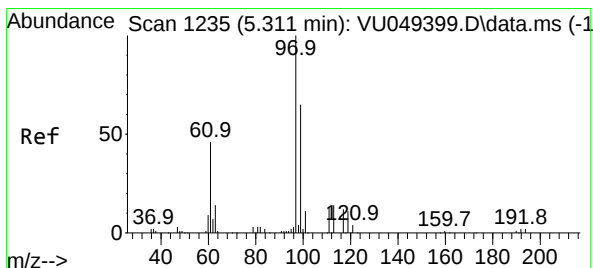
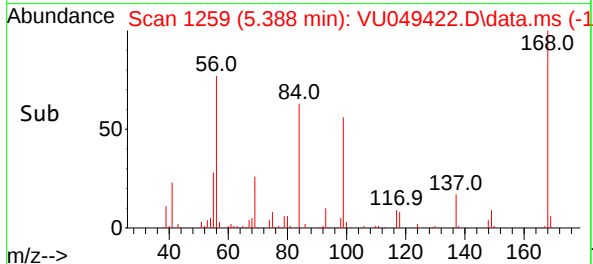
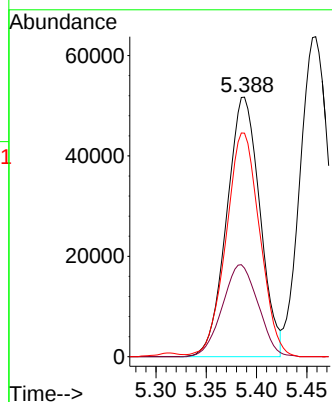
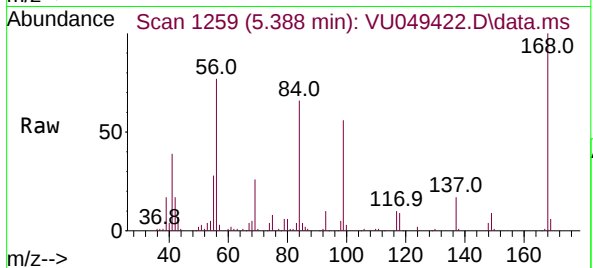




#31  
Cyclohexane  
Concen: 19.230 ug/l  
RT: 5.388 min Scan# 1257  
Delta R.T. 0.006 min  
Lab File: VU049422.D  
Acq: 27 Jun 2022 23:32

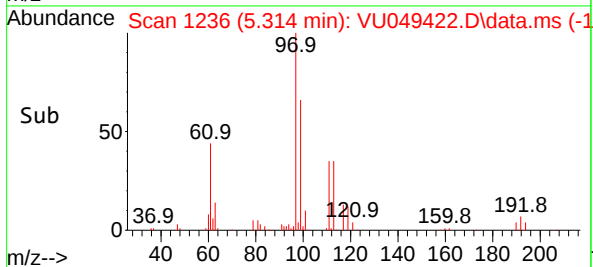
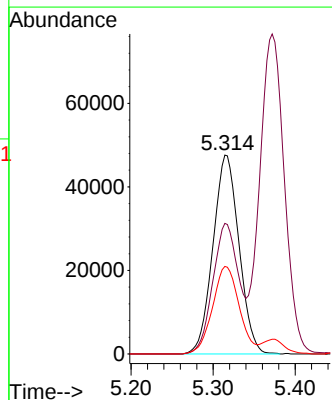
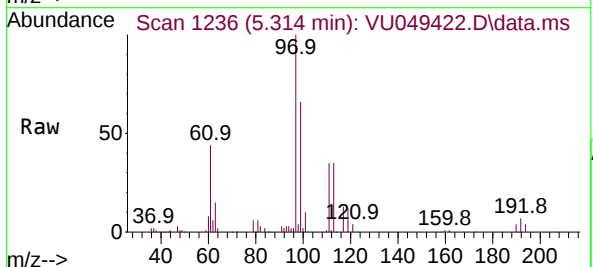
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0627WBS02

Tgt Ion: 56 Resp: 118806  
Ion Ratio Lower Upper  
56 100  
69 34.1 27.8 41.8  
84 85.3 74.2 111.4



#32  
1,1,1-Trichloroethane  
Concen: 19.046 ug/l  
RT: 5.314 min Scan# 1236  
Delta R.T. 0.003 min  
Lab File: VU049422.D  
Acq: 27 Jun 2022 23:32

Tgt Ion: 97 Resp: 105136  
Ion Ratio Lower Upper  
97 100  
99 64.8 51.8 77.6  
61 45.1 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 47.870 ug/l

RT: 5.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU049422.D

Acq: 27 Jun 2022 23:32

Instrument :

MSVOA\_U

ClientSampleId :

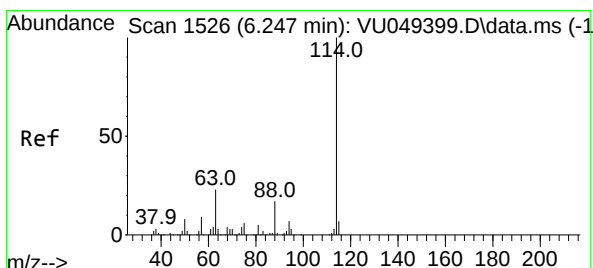
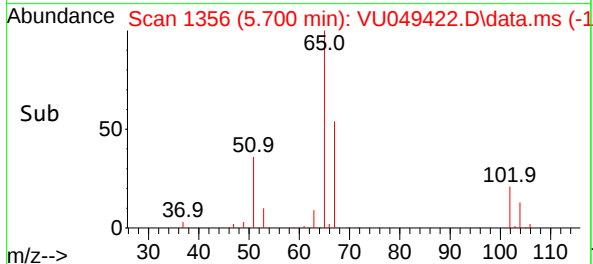
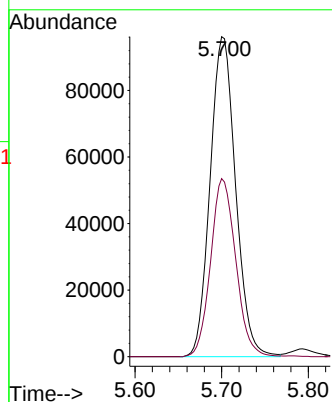
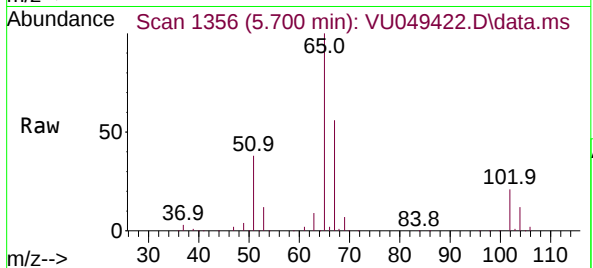
VU0627WBS02

Tgt Ion: 65 Resp: 196962

Ion Ratio Lower Upper

65 100

67 54.8 0.0 108.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.247 min Scan# 1526

Delta R.T. 0.000 min

Lab File: VU049422.D

Acq: 27 Jun 2022 23:32

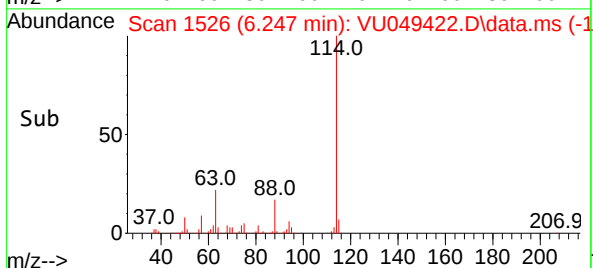
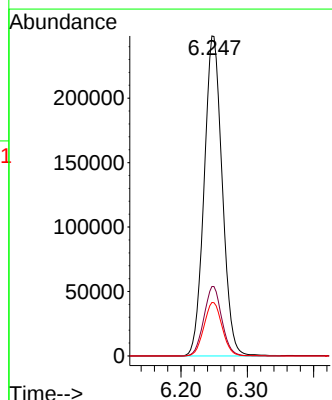
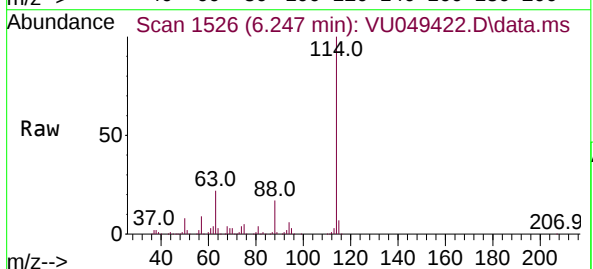
Tgt Ion: 114 Resp: 470415

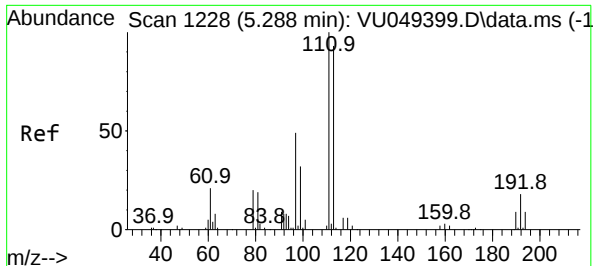
Ion Ratio Lower Upper

114 100

63 21.7 0.0 37.8

88 16.7 0.0 29.2





#35

Dibromofluoromethane

Concen: 48.364 ug/l

RT: 5.288 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU049422.D

Acq: 27 Jun 2022 23:32

Instrument :

MSVOA\_U

ClientSampleId :

VU0627WBS02

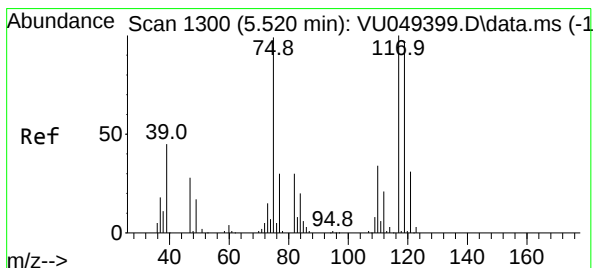
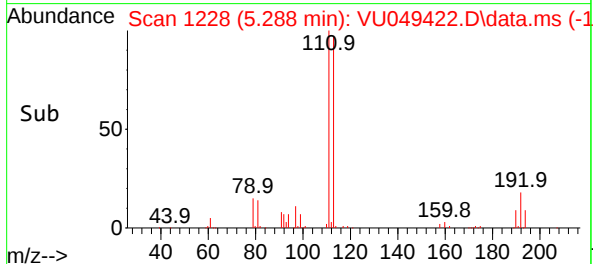
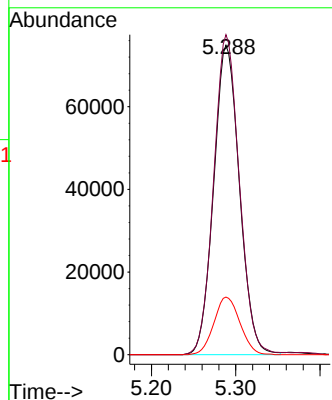
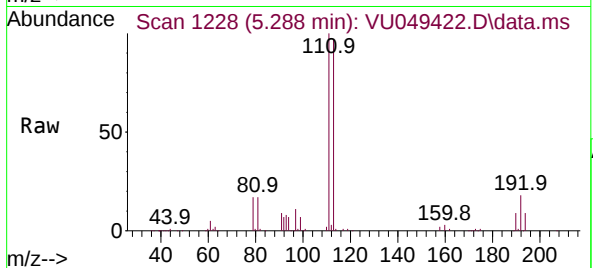
Tgt Ion:113 Resp: 159172

Ion Ratio Lower Upper

113 100

111 103.0 82.1 123.1

192 18.8 18.0 27.0



#36

1,1-Dichloropropene

Concen: 18.571 ug/l

RT: 5.526 min Scan# 1302

Delta R.T. 0.006 min

Lab File: VU049422.D

Acq: 27 Jun 2022 23:32

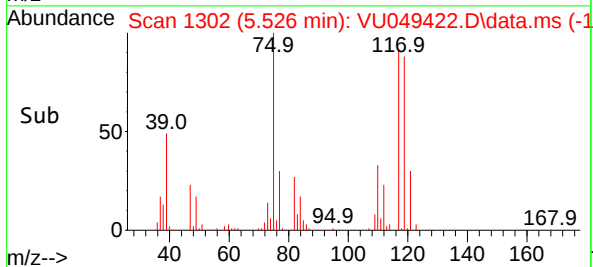
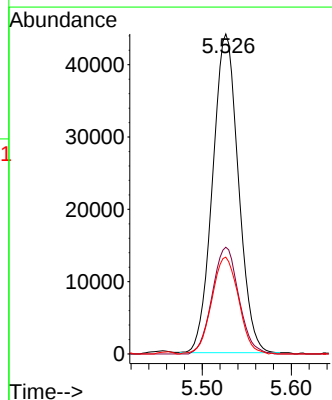
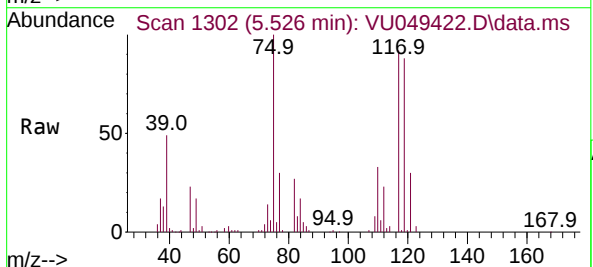
Tgt Ion: 75 Resp: 88624

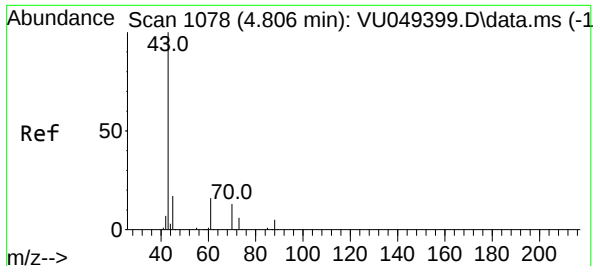
Ion Ratio Lower Upper

75 100

110 34.5 18.4 55.2

77 31.6 25.1 37.7





#37

Ethyl Acetate

Concen: 18.638 ug/l

RT: 4.803 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU049422.D

Acq: 27 Jun 2022 23:32

Instrument :

MSVOA\_U

ClientSampleId :

VU0627WBS02

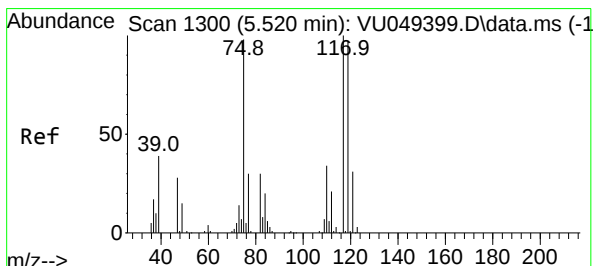
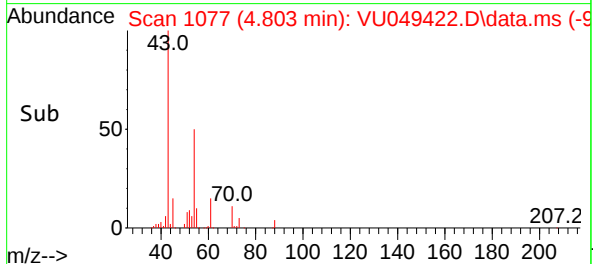
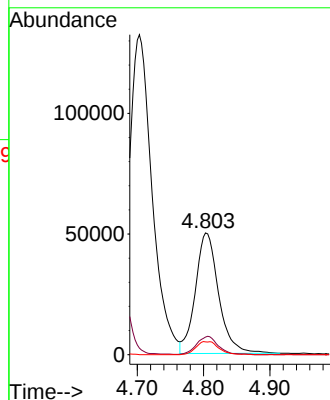
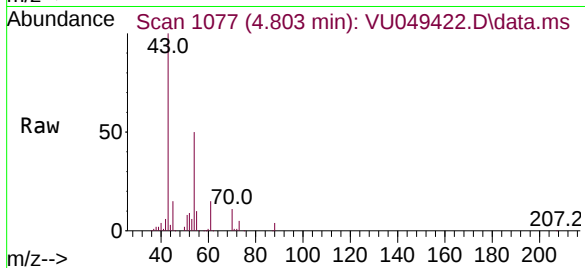
Tgt Ion: 43 Resp: 121539

Ion Ratio Lower Upper

43 100

61 14.4 9.5 14.3#

70 10.5 7.5 11.3



#38

Carbon Tetrachloride

Concen: 17.982 ug/l

RT: 5.523 min Scan# 1301

Delta R.T. 0.003 min

Lab File: VU049422.D

Acq: 27 Jun 2022 23:32

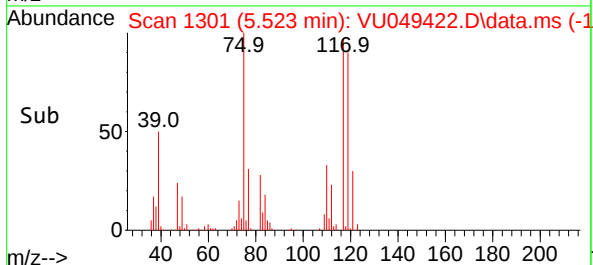
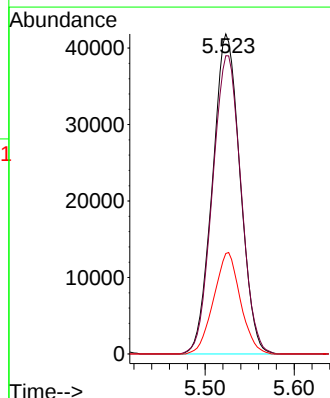
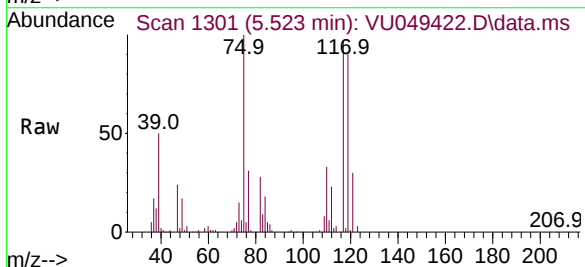
Tgt Ion: 117 Resp: 89997

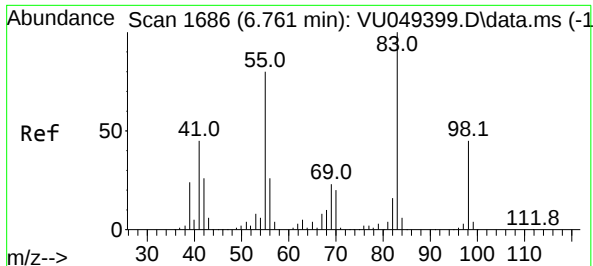
Ion Ratio Lower Upper

117 100

119 93.2 76.8 115.2

121 31.4 24.7 37.1





#39

Methylcyclohexane

Concen: 18.969 ug/l

RT: 6.761 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU049422.D

Acq: 27 Jun 2022 23:32

Instrument :

MSVOA\_U

ClientSampleId :

VU0627WBS02

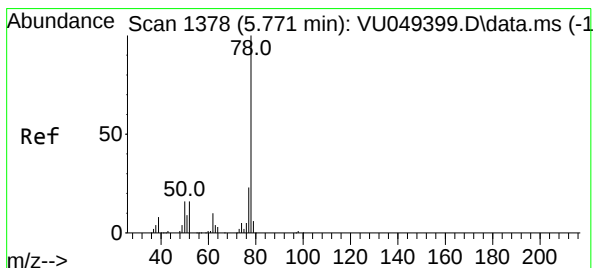
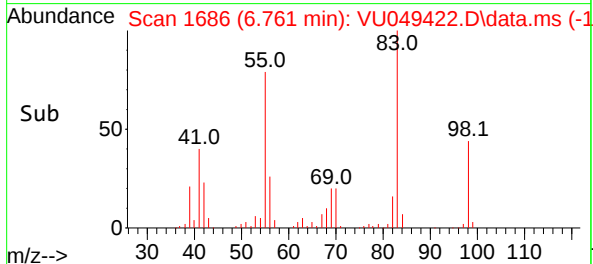
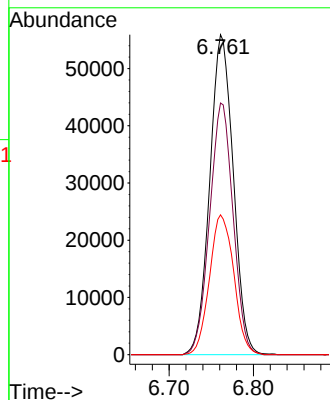
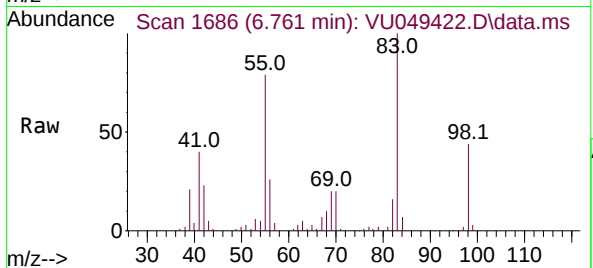
Tgt Ion: 83 Resp: 108503

Ion Ratio Lower Upper

83 100

55 78.7 55.3 82.9

98 43.7 37.3 55.9



#40

Benzene

Concen: 19.108 ug/l

RT: 5.774 min Scan# 1379

Delta R.T. 0.003 min

Lab File: VU049422.D

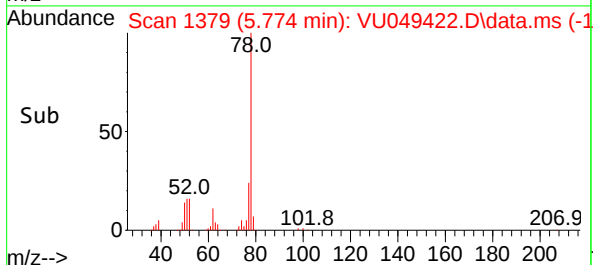
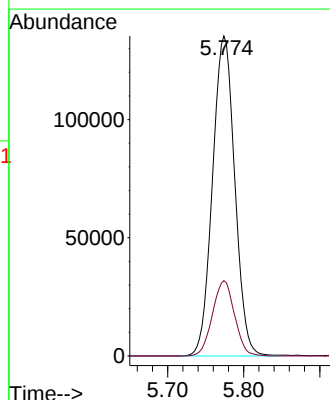
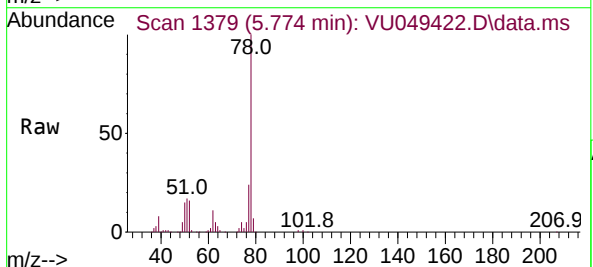
Acq: 27 Jun 2022 23:32

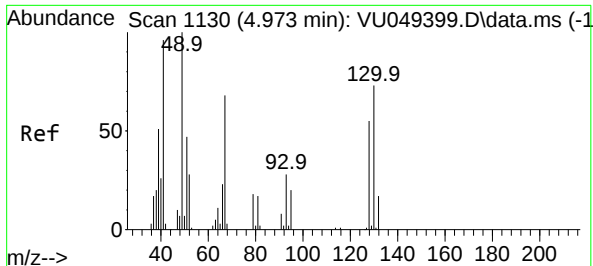
Tgt Ion: 78 Resp: 275308

Ion Ratio Lower Upper

78 100

77 23.5 18.8 28.2

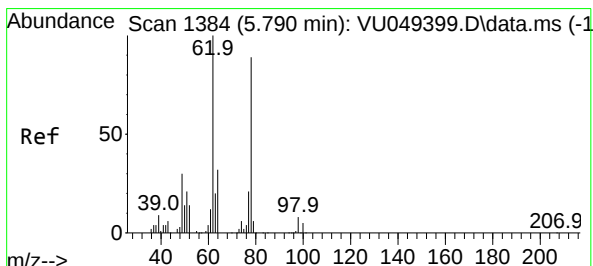
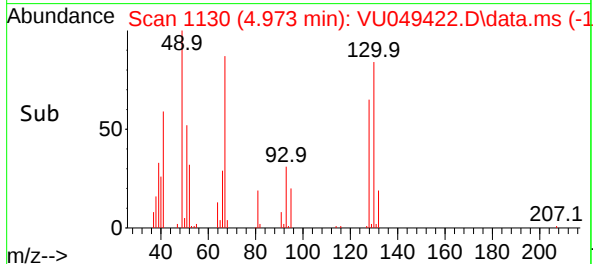
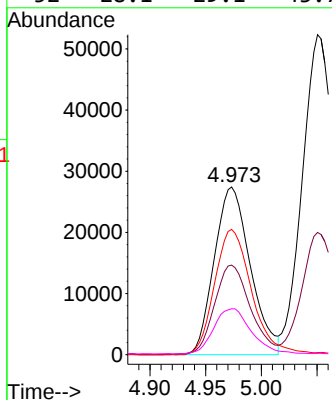
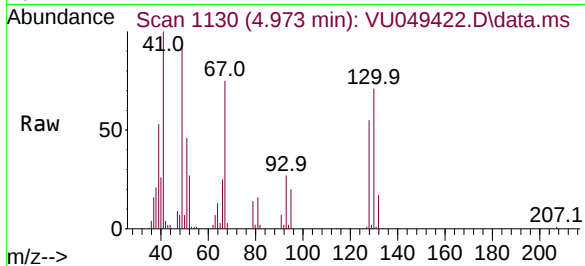




#41  
Methacrylonitrile  
Concen: 18.955 ug/l  
RT: 4.973 min Scan# 1130  
Delta R.T. 0.000 min  
Lab File: VU049422.D  
Acq: 27 Jun 2022 23:32

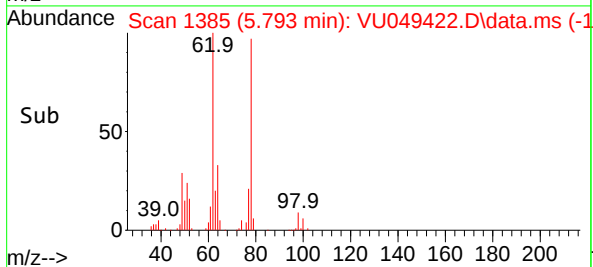
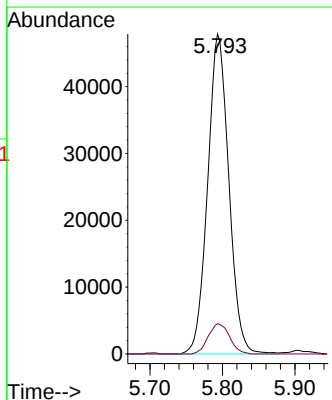
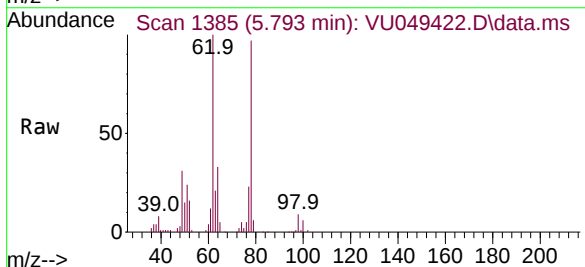
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0627WBS02

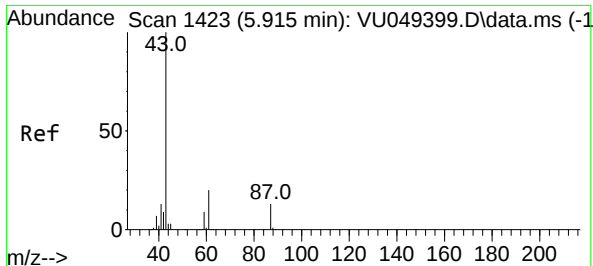
Tgt Ion: 41 Resp: 61936  
Ion Ratio Lower Upper  
41 100  
39 53.3 43.1 64.7  
67 76.7 72.3 108.5  
52 28.1 29.1 43.7#



#42  
1,2-Dichloroethane  
Concen: 18.122 ug/l  
RT: 5.793 min Scan# 1385  
Delta R.T. 0.003 min  
Lab File: VU049422.D  
Acq: 27 Jun 2022 23:32

Tgt Ion: 62 Resp: 97173  
Ion Ratio Lower Upper  
62 100  
98 9.5 0.0 18.6





#43

Isopropyl Acetate

Concen: 18.742 ug/l

RT: 5.912 min Scan# 14

Delta R.T. -0.003 min

Lab File: VU049422.D

Acq: 27 Jun 2022 23:32

Instrument :

MSVOA\_U

ClientSampleId :

VU0627WBS02

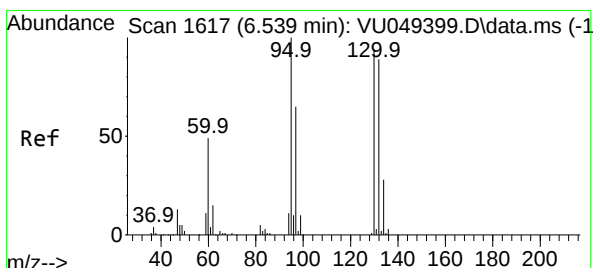
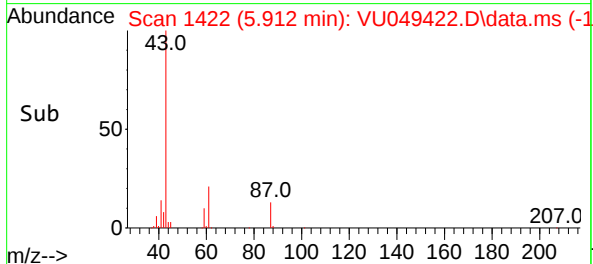
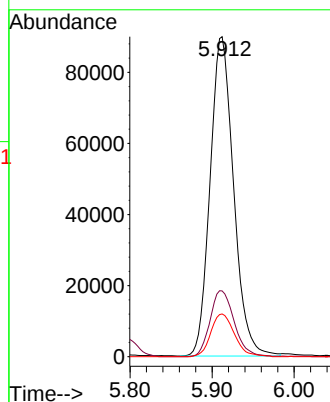
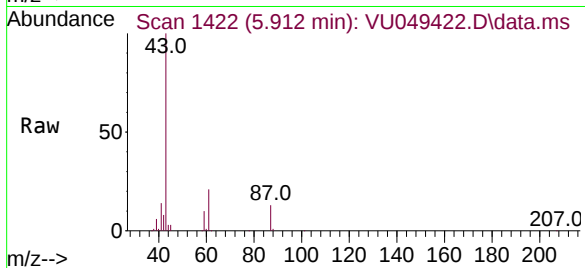
Tgt Ion: 43 Resp: 179077

Ion Ratio Lower Upper

43 100

61 21.3 17.4 26.0

87 13.5 12.6 18.8



#44

Trichloroethene

Concen: 18.961 ug/l

RT: 6.542 min Scan# 1618

Delta R.T. 0.003 min

Lab File: VU049422.D

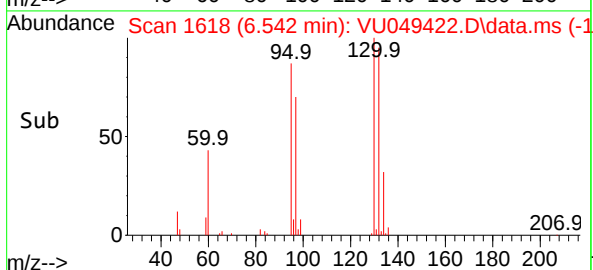
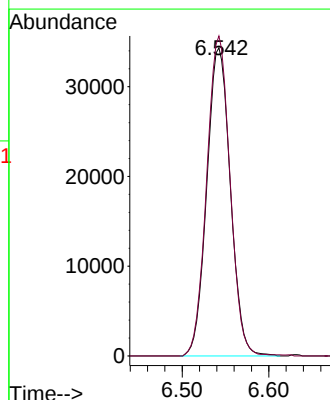
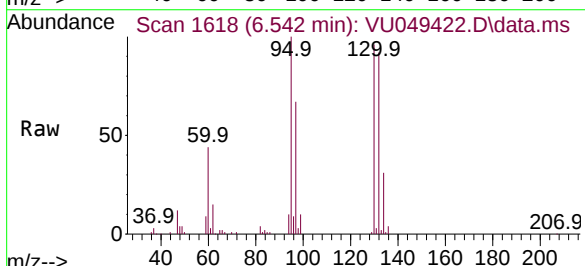
Acq: 27 Jun 2022 23:32

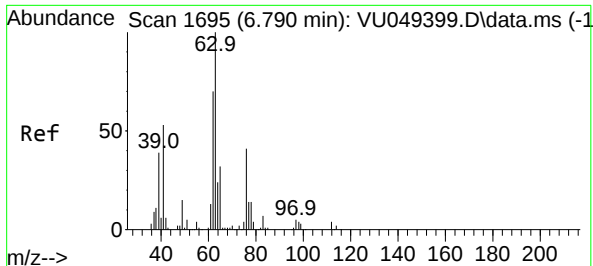
Tgt Ion:130 Resp: 64941

Ion Ratio Lower Upper

130 100

95 103.8 0.0 184.6





#45

1,2-Dichloropropane

Concen: 18.595 ug/l

RT: 6.790 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU049422.D

Acq: 27 Jun 2022 23:32

Instrument :

MSVOA\_U

ClientSampleId :

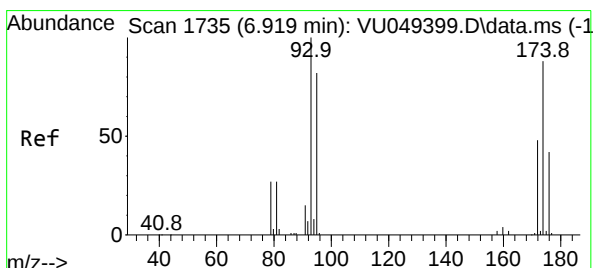
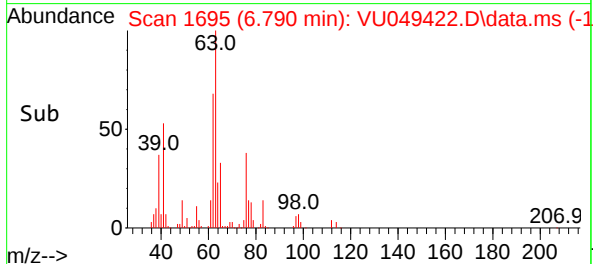
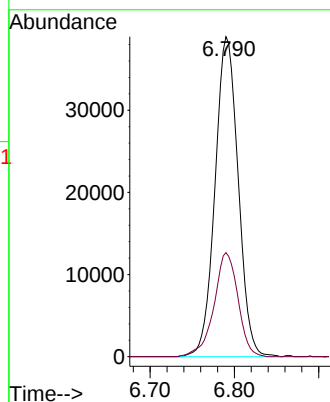
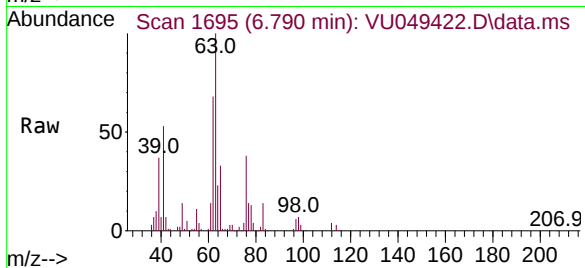
VU0627WBS02

Tgt Ion: 63 Resp: 74236

Ion Ratio Lower Upper

63 100

65 32.5 25.0 37.4



#46

Dibromomethane

Concen: 18.837 ug/l

RT: 6.919 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VU049422.D

Acq: 27 Jun 2022 23:32

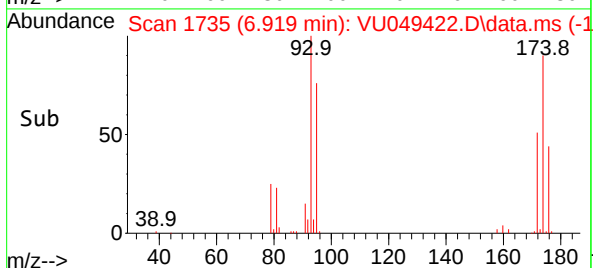
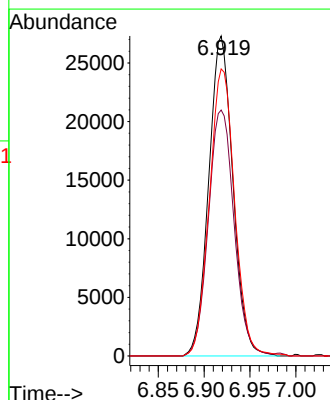
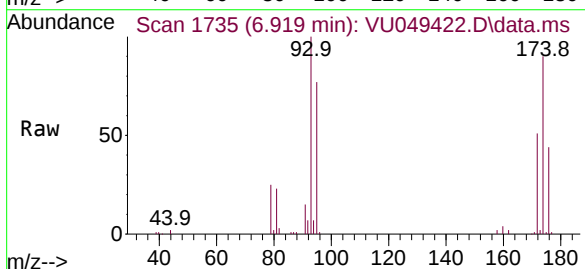
Tgt Ion: 93 Resp: 50138

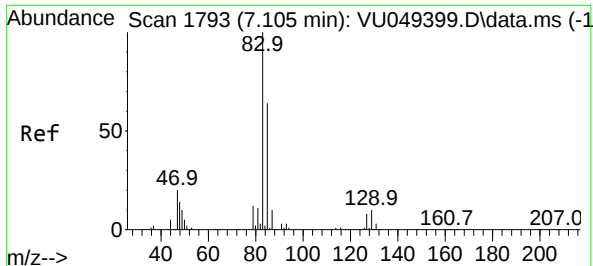
Ion Ratio Lower Upper

93 100

95 81.7 66.3 99.5

174 93.6 88.2 132.4

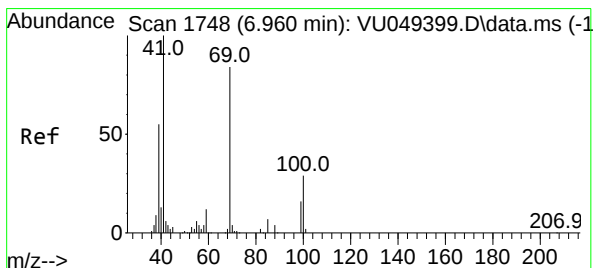
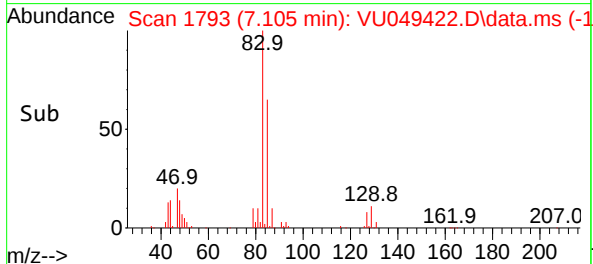
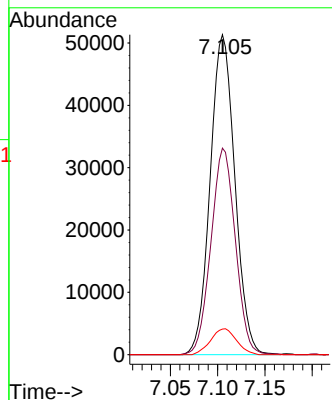
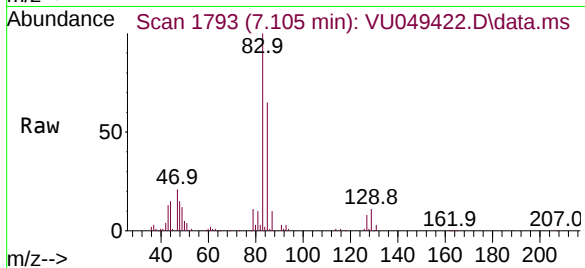




#47  
Bromodichloromethane  
Concen: 18.194 ug/l  
RT: 7.105 min Scan# 1793  
Delta R.T. 0.000 min  
Lab File: VU049422.D  
Acq: 27 Jun 2022 23:32

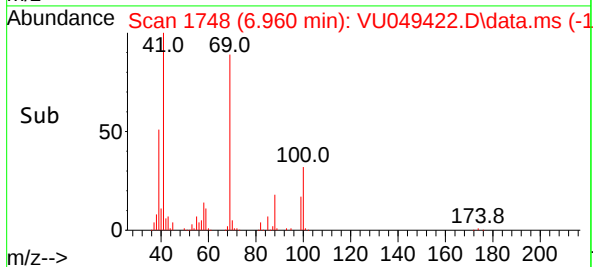
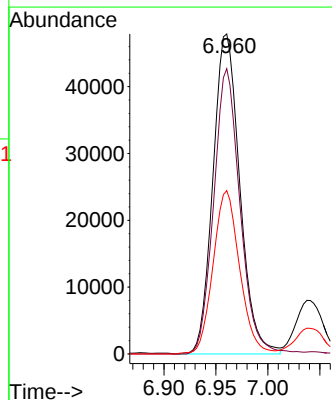
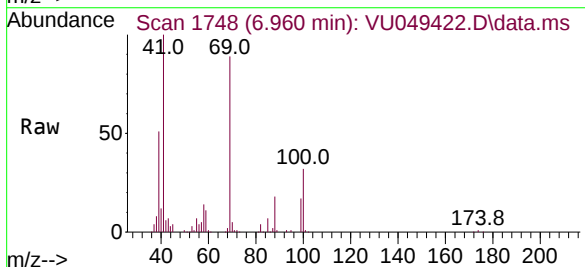
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0627WBS02

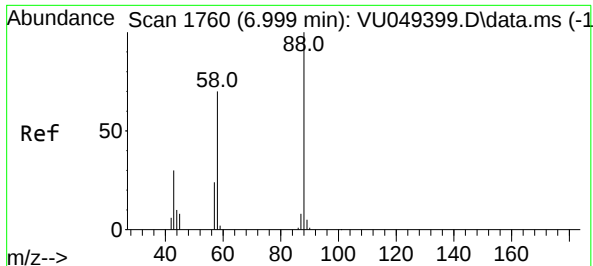
Tgt Ion: 83 Resp: 93209  
Ion Ratio Lower Upper  
83 100  
85 64.5 51.4 77.2  
127 8.0 7.1 10.7



#48  
Methyl methacrylate  
Concen: 19.242 ug/l  
RT: 6.960 min Scan# 1748  
Delta R.T. 0.000 min  
Lab File: VU049422.D  
Acq: 27 Jun 2022 23:32

Tgt Ion: 41 Resp: 86161  
Ion Ratio Lower Upper  
41 100  
69 87.3 79.8 119.6  
39 50.4 47.9 71.9

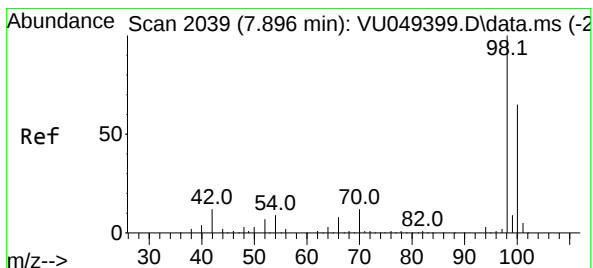
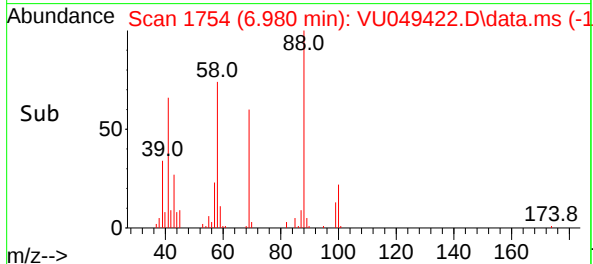
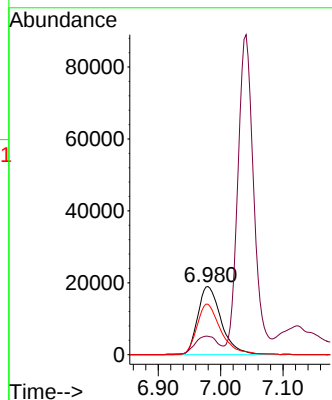
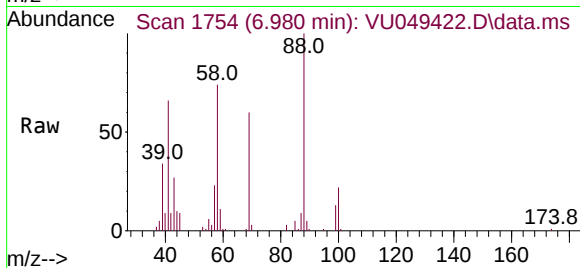




#49  
1,4-Dioxane  
Concen: 431.876 ug/l  
RT: 6.980 min Scan# 1754  
Delta R.T. -0.019 min  
Lab File: VU049422.D  
Acq: 27 Jun 2022 23:32

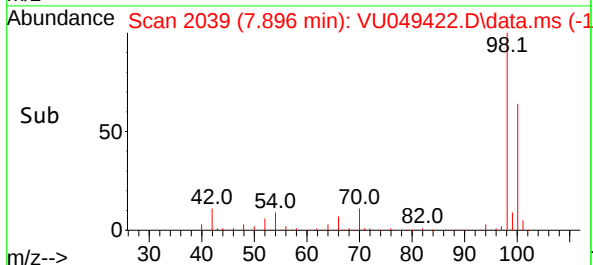
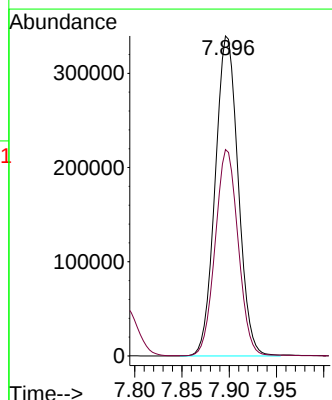
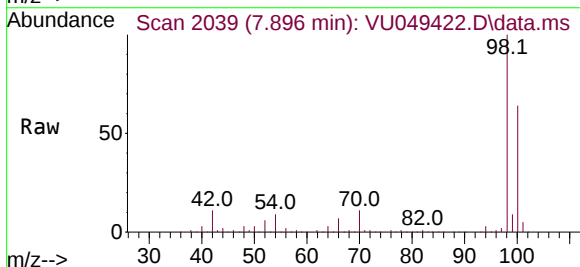
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0627WBS02

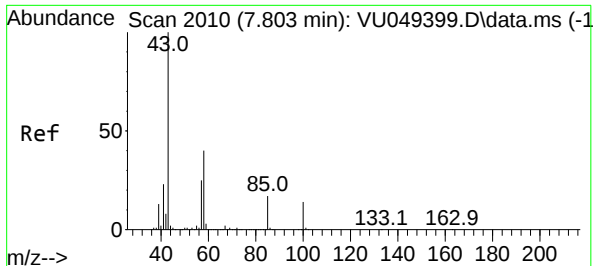
Tgt Ion: 88 Resp: 49545  
Ion Ratio Lower Upper  
88 100  
43 27.3 0.0 0.0#  
58 75.8 15.4 23.0#



#50  
Toluene-d8  
Concen: 48.949 ug/l  
RT: 7.896 min Scan# 2039  
Delta R.T. 0.000 min  
Lab File: VU049422.D  
Acq: 27 Jun 2022 23:32

Tgt Ion: 98 Resp: 574597  
Ion Ratio Lower Upper  
98 100  
100 64.5 51.7 77.5





#51

4-Methyl-2-Pentanone

Concen: 93.206 ug/l

RT: 7.790 min Scan# 2010

Delta R.T. -0.013 min

Lab File: VU049422.D

Acq: 27 Jun 2022 23:32

Instrument :

MSVOA\_U

ClientSampleId :

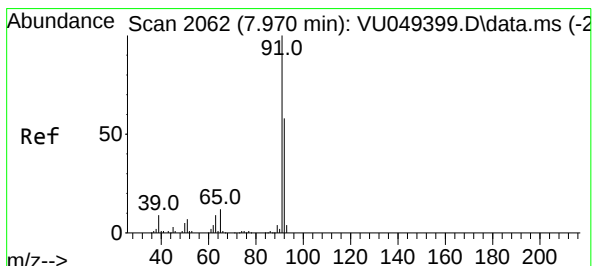
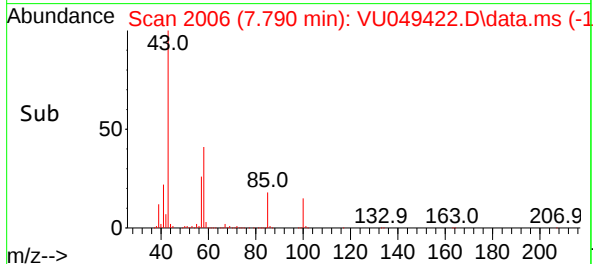
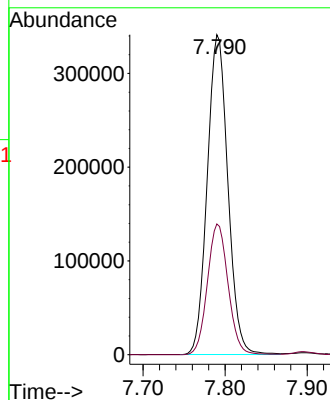
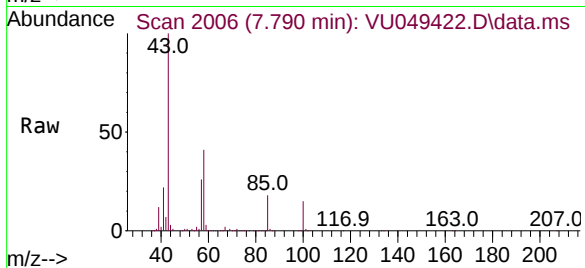
VU0627WBS02

Tgt Ion: 43 Resp: 596023

Ion Ratio Lower Upper

43 100

58 41.0 34.7 52.1



#52

Toluene

Concen: 19.102 ug/l

RT: 7.967 min Scan# 2061

Delta R.T. -0.003 min

Lab File: VU049422.D

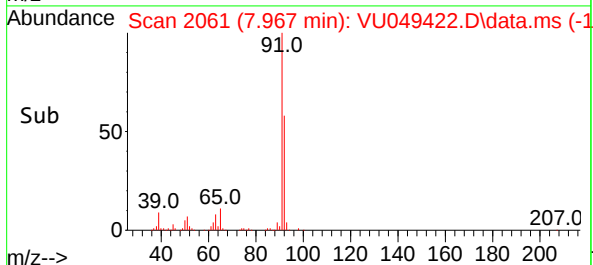
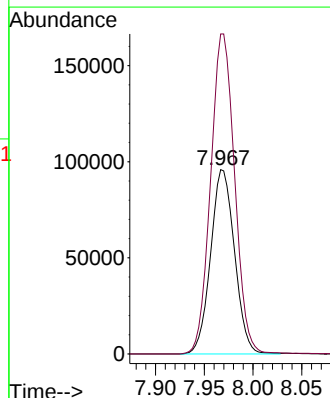
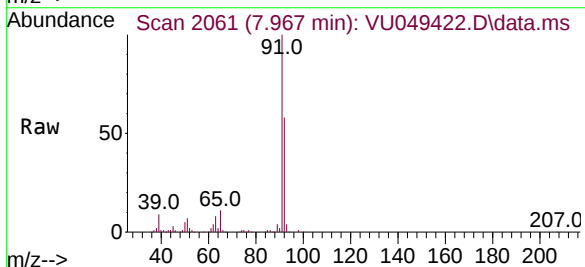
Acq: 27 Jun 2022 23:32

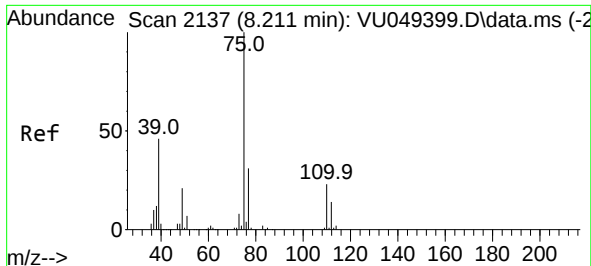
Tgt Ion: 92 Resp: 163580

Ion Ratio Lower Upper

92 100

91 175.0 138.2 207.4

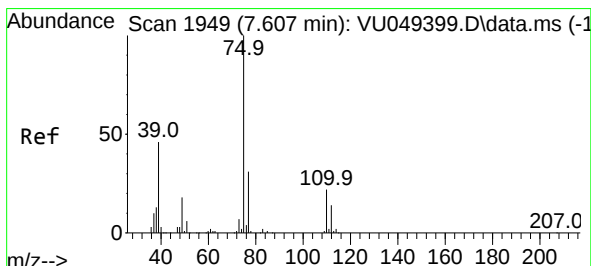
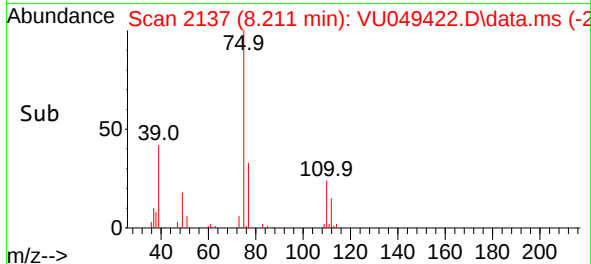
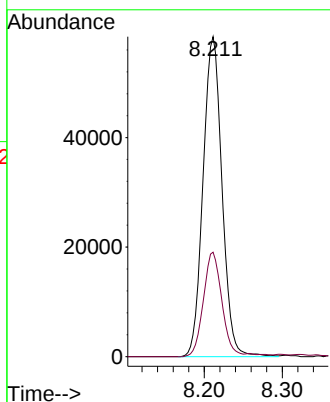
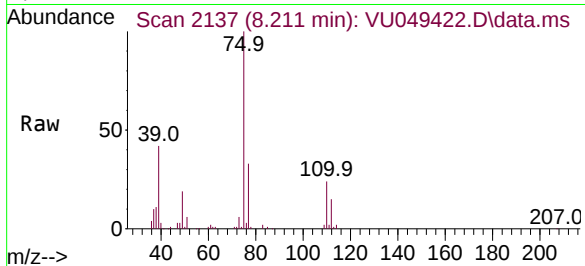




#53  
t-1,3-Dichloropropene  
Concen: 17.959 ug/l  
RT: 8.211 min Scan# 2137  
Delta R.T. 0.000 min  
Lab File: VU049422.D  
Acq: 27 Jun 2022 23:32

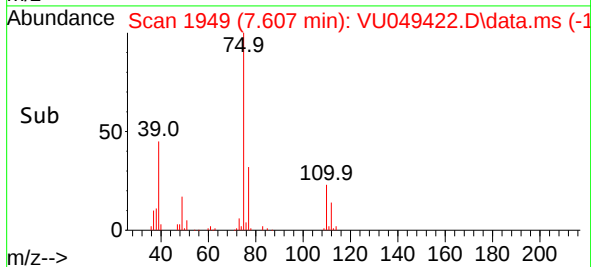
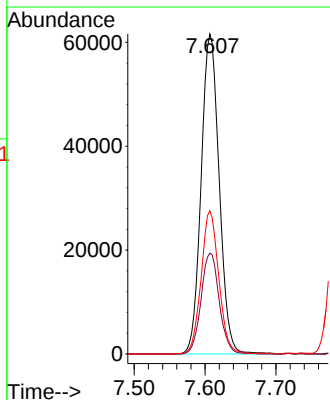
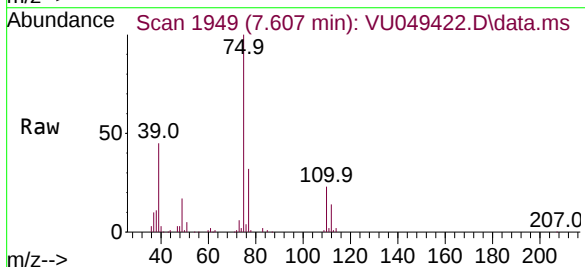
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0627WBS02

Tgt Ion: 75 Resp: 98689  
Ion Ratio Lower Upper  
75 100  
77 32.7 25.4 38.0



#54  
cis-1,3-Dichloropropene  
Concen: 18.544 ug/l  
RT: 7.607 min Scan# 1949  
Delta R.T. 0.000 min  
Lab File: VU049422.D  
Acq: 27 Jun 2022 23:32

Tgt Ion: 75 Resp: 108808  
Ion Ratio Lower Upper  
75 100  
77 31.5 25.7 38.5  
39 44.7 33.0 49.6

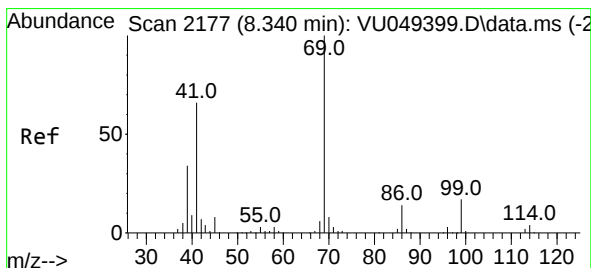
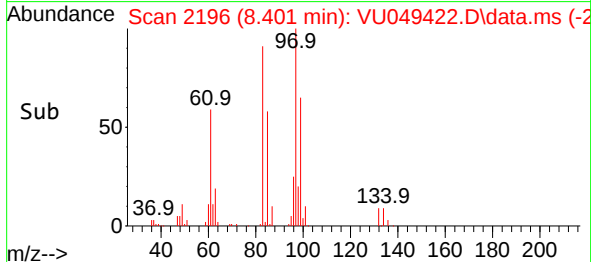
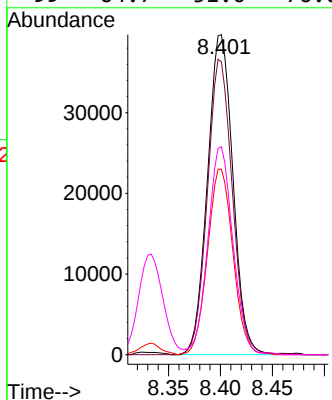
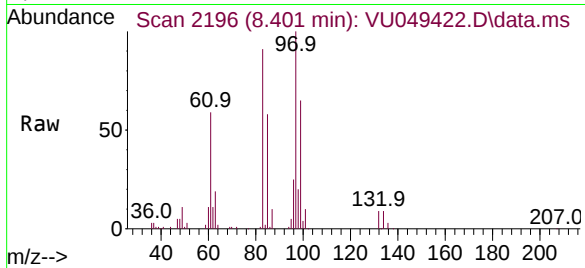




#55  
1,1,2-Trichloroethane  
Concen: 19.097 ug/l  
RT: 8.401 min Scan# 2197  
Delta R.T. -0.003 min  
Lab File: VU049422.D  
Acq: 27 Jun 2022 23:32

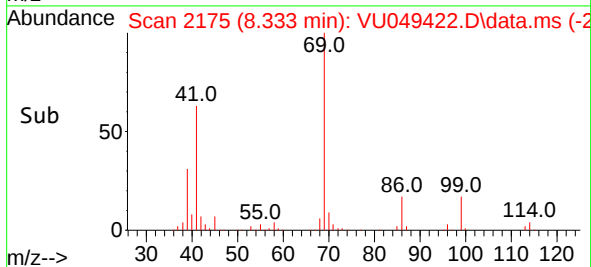
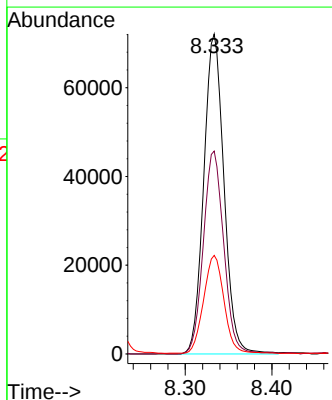
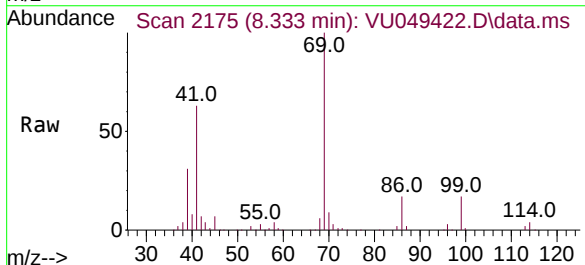
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0627WBS02

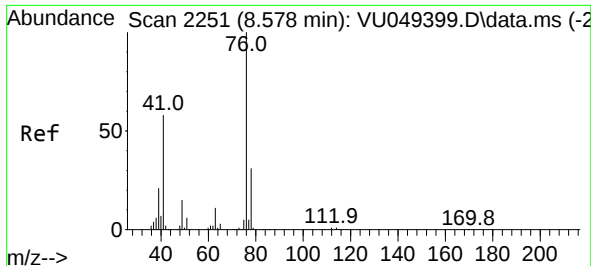
|             |             |
|-------------|-------------|
| Tgt Ion: 97 | Resp: 67614 |
| Ion Ratio   | Lower Upper |
| 97 100      |             |
| 83 91.5     | 70.2 105.4  |
| 85 58.0     | 44.6 66.8   |
| 99 64.7     | 51.0 76.6   |



#56  
Ethyl methacrylate  
Concen: 19.746 ug/l  
RT: 8.333 min Scan# 2175  
Delta R.T. -0.006 min  
Lab File: VU049422.D  
Acq: 27 Jun 2022 23:32

|             |              |
|-------------|--------------|
| Tgt Ion: 69 | Resp: 116929 |
| Ion Ratio   | Lower Upper  |
| 69 100      |              |
| 41 63.9     | 45.4 68.0    |
| 39 30.8     | 25.7 38.5    |





#57

1,3-Dichloropropane

Concen: 18.845 ug/l

RT: 8.574 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU049422.D

Acq: 27 Jun 2022 23:32

Instrument :

MSVOA\_U

ClientSampleId :

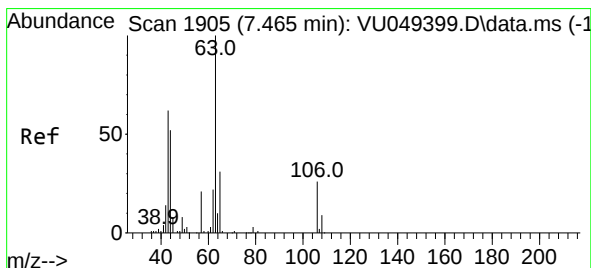
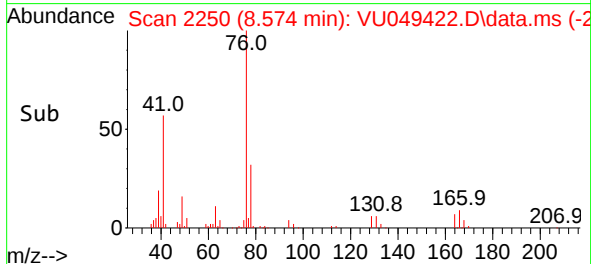
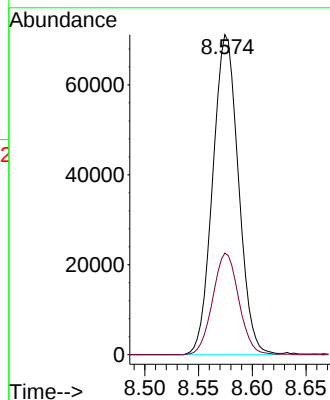
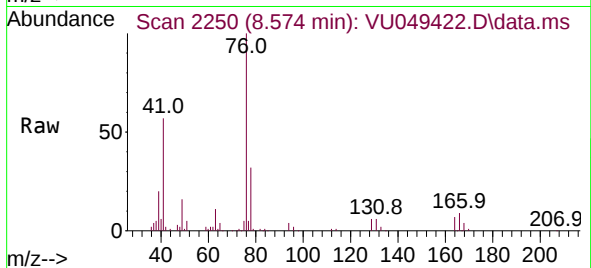
VU0627WBS02

Tgt Ion: 76 Resp: 118361

Ion Ratio Lower Upper

76 100

78 32.2 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 118.930 ug/l

RT: 7.462 min Scan# 1904

Delta R.T. -0.003 min

Lab File: VU049422.D

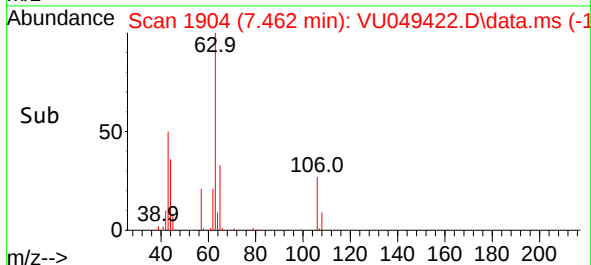
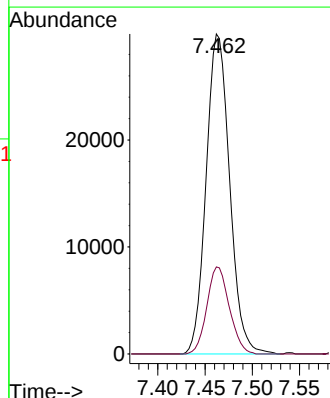
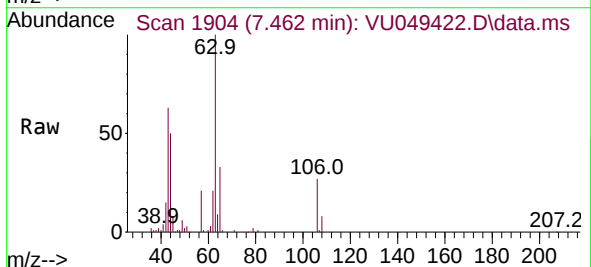
Acq: 27 Jun 2022 23:32

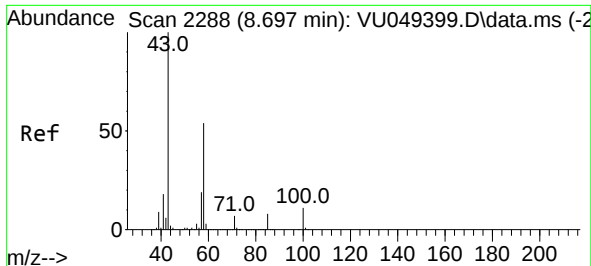
Tgt Ion: 63 Resp: 51728

Ion Ratio Lower Upper

63 100

106 26.0 23.1 34.7

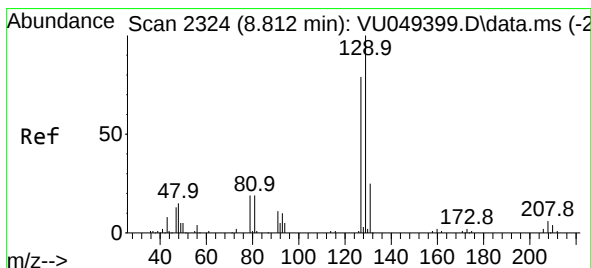
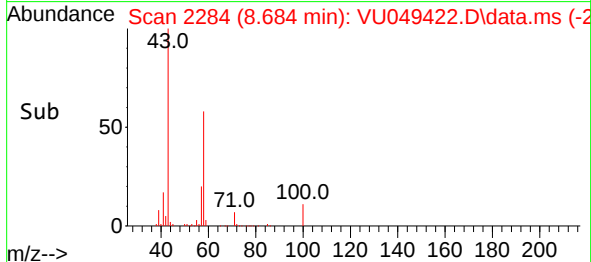
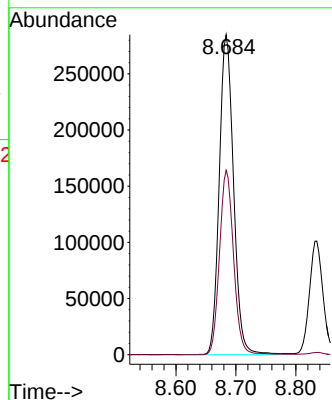
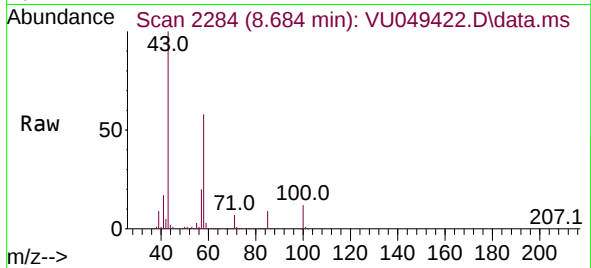




#59  
2-Hexanone  
Concen: 93.495 ug/l  
RT: 8.684 min Scan# 21  
Delta R.T. -0.013 min  
Lab File: VU049422.D  
Acq: 27 Jun 2022 23:32

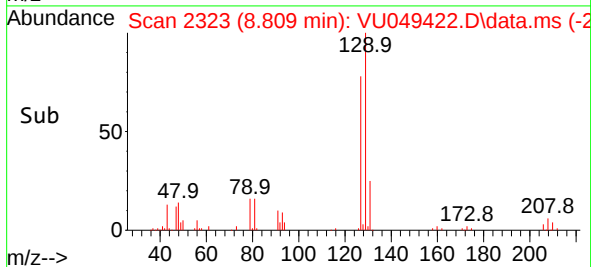
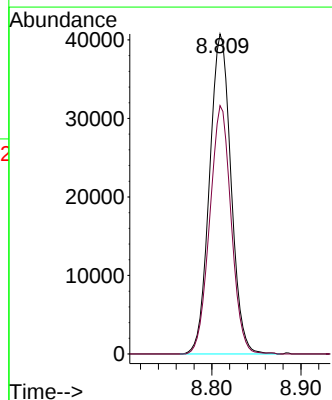
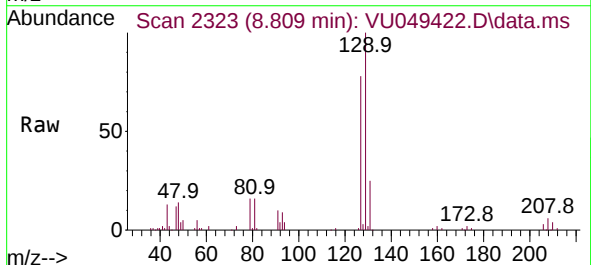
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0627WBS02

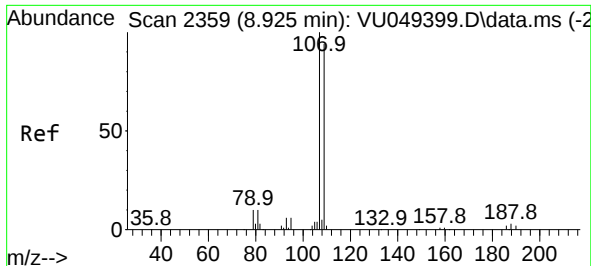
Tgt Ion: 43 Resp: 470162  
Ion Ratio Lower Upper  
43 100  
58 56.8 30.3 90.8



#60  
Dibromochloromethane  
Concen: 18.545 ug/l  
RT: 8.809 min Scan# 2323  
Delta R.T. -0.003 min  
Lab File: VU049422.D  
Acq: 27 Jun 2022 23:32

Tgt Ion: 129 Resp: 68281  
Ion Ratio Lower Upper  
129 100  
127 77.2 38.6 116.0

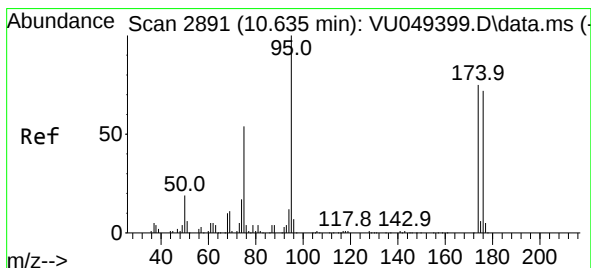
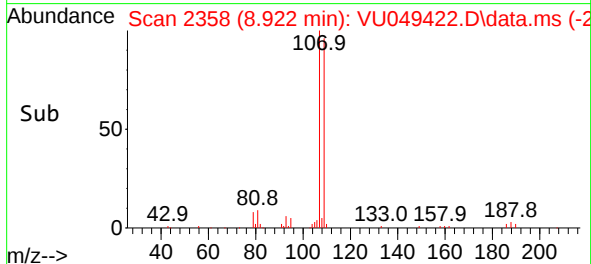
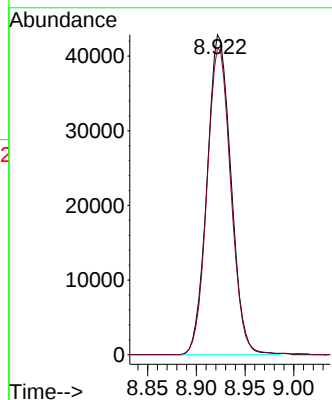
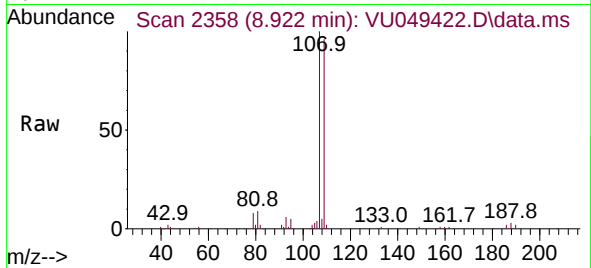




#61  
1,2-Dibromoethane  
Concen: 18.969 ug/l  
RT: 8.922 min Scan# 21  
Delta R.T. -0.003 min  
Lab File: VU049422.D  
Acq: 27 Jun 2022 23:32

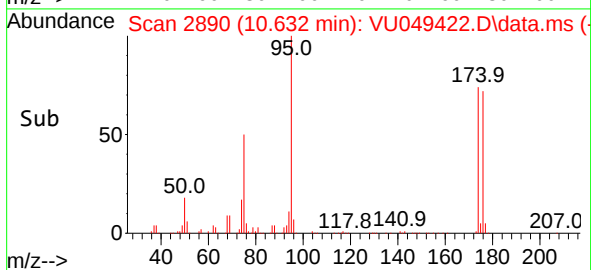
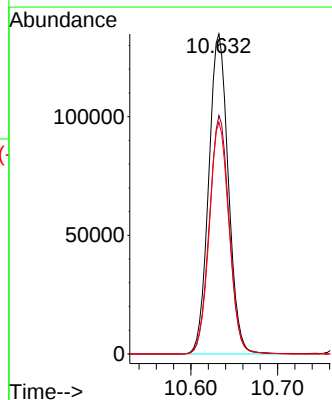
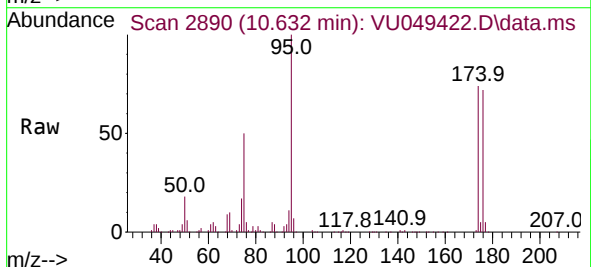
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0627WBS02

Tgt Ion:107 Resp: 73189  
Ion Ratio Lower Upper  
107 100  
109 95.7 75.1 112.7



#62  
4-Bromofluorobenzene  
Concen: 47.191 ug/l  
RT: 10.632 min Scan# 2890  
Delta R.T. -0.003 min  
Lab File: VU049422.D  
Acq: 27 Jun 2022 23:32

Tgt Ion: 95 Resp: 212204  
Ion Ratio Lower Upper  
95 100  
174 75.3 0.0 182.0  
176 73.0 0.0 177.8

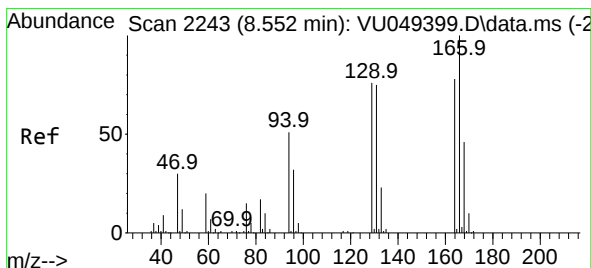
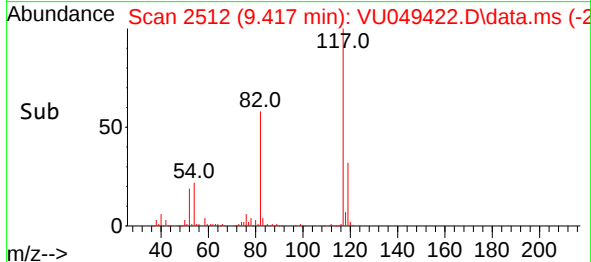
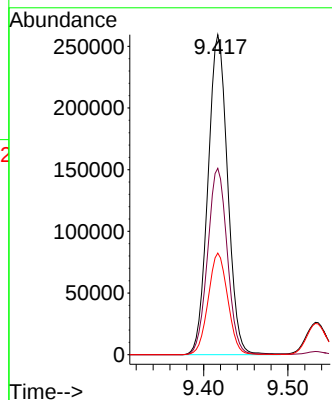
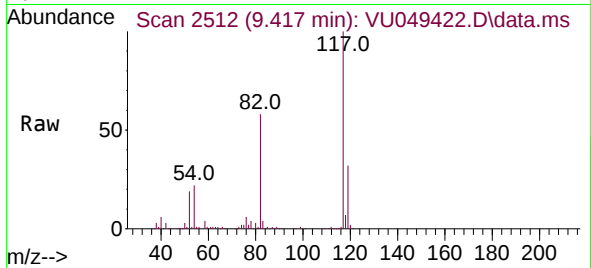




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 9.417 min Scan# 21  
Delta R.T. -0.003 min  
Lab File: VU049422.D  
Acq: 27 Jun 2022 23:32

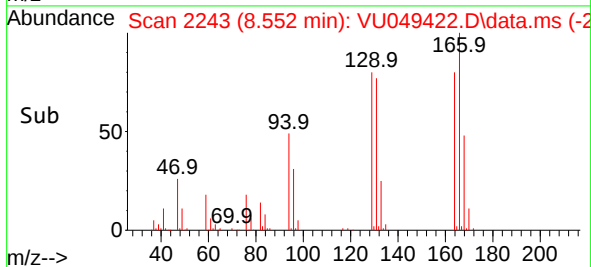
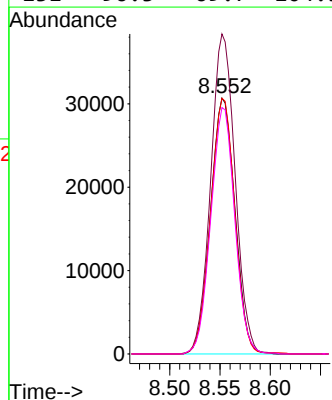
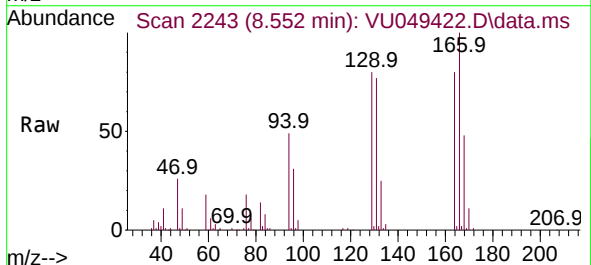
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0627WBS02

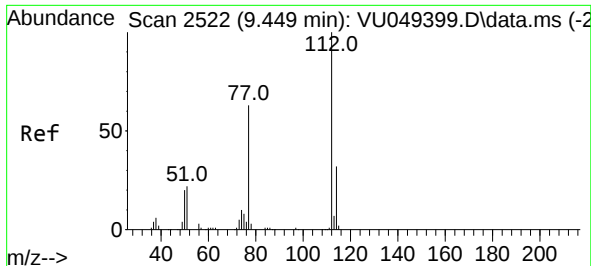
Tgt Ion:117 Resp: 420803  
Ion Ratio Lower Upper  
117 100  
82 58.3 41.7 62.5  
119 31.8 25.7 38.5



#64  
Tetrachloroethene  
Concen: 19.270 ug/l  
RT: 8.552 min Scan# 2243  
Delta R.T. 0.000 min  
Lab File: VU049422.D  
Acq: 27 Jun 2022 23:32

Tgt Ion:164 Resp: 52011  
Ion Ratio Lower Upper  
164 100  
166 125.1 100.0 150.0  
129 99.9 72.0 108.0  
131 96.3 69.7 104.5

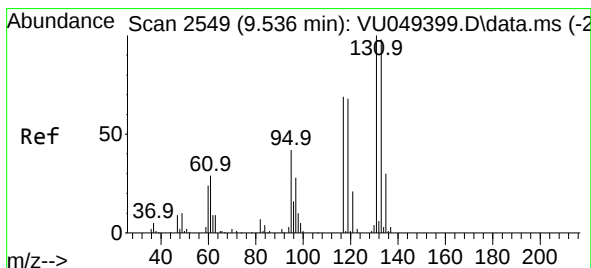
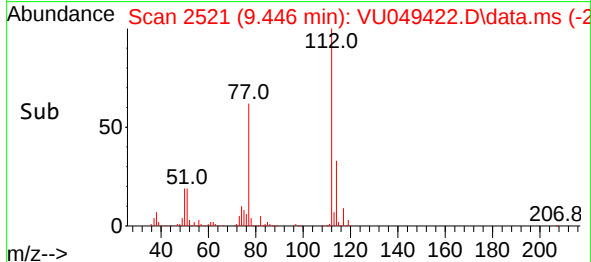
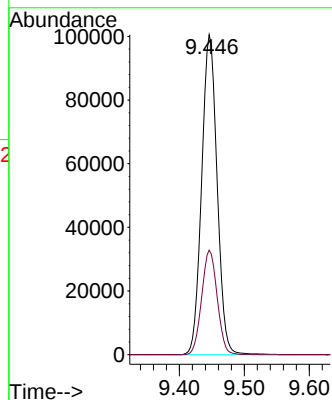
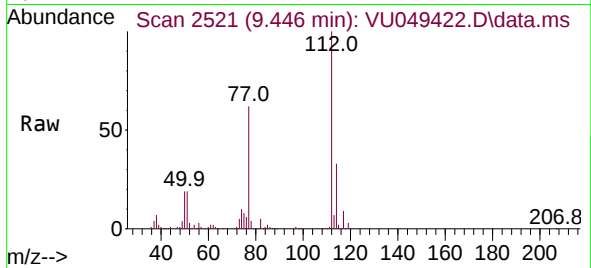




#65  
Chlorobenzene  
Concen: 19.369 ug/l  
RT: 9.446 min Scan# 21  
Delta R.T. -0.003 min  
Lab File: VU049422.D  
Acq: 27 Jun 2022 23:32

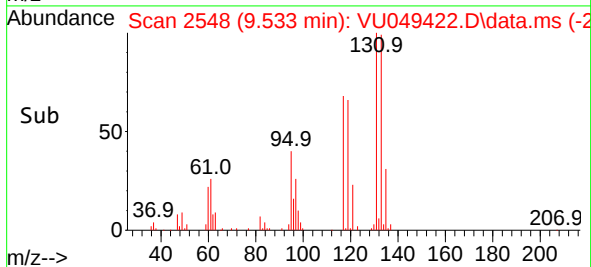
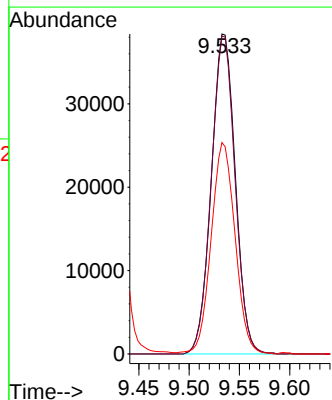
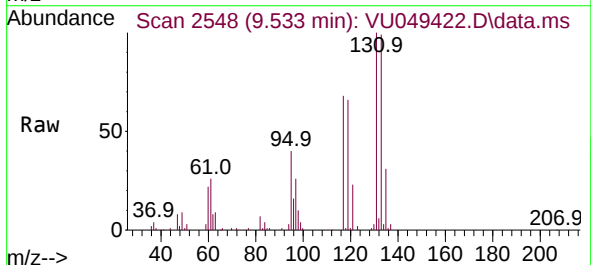
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0627WBS02

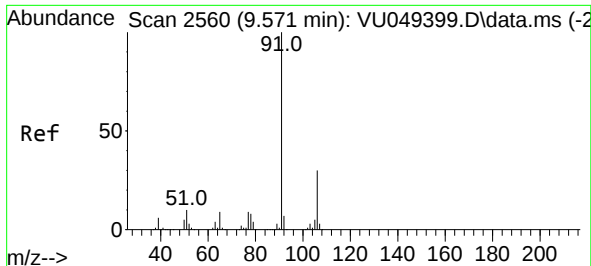
Tgt Ion:112 Resp: 166628  
Ion Ratio Lower Upper  
112 100  
114 32.7 24.9 37.3



#66  
1,1,1,2-Tetrachloroethane  
Concen: 19.616 ug/l  
RT: 9.533 min Scan# 2548  
Delta R.T. -0.003 min  
Lab File: VU049422.D  
Acq: 27 Jun 2022 23:32

Tgt Ion:131 Resp: 63660  
Ion Ratio Lower Upper  
131 100  
133 98.6 48.4 145.0  
119 66.0 33.9 101.6





#67

Ethyl Benzene

Concen: 19.694 ug/l

RT: 9.568 min Scan# 2559

Delta R.T. -0.003 min

Lab File: VU049422.D

Acq: 27 Jun 2022 23:32

Instrument :

MSVOA\_U

ClientSampleId :

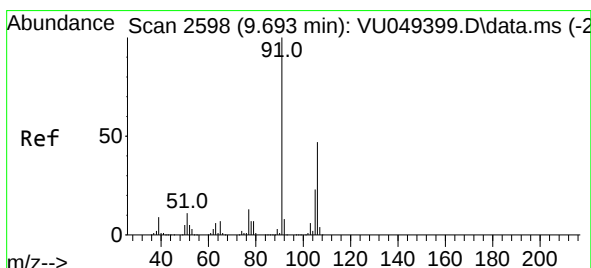
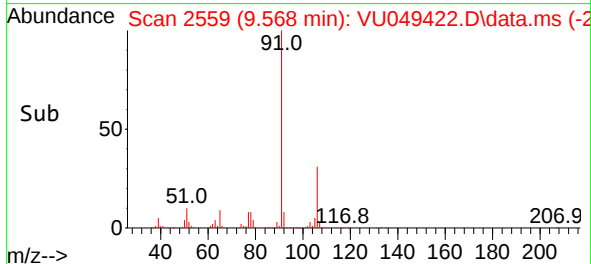
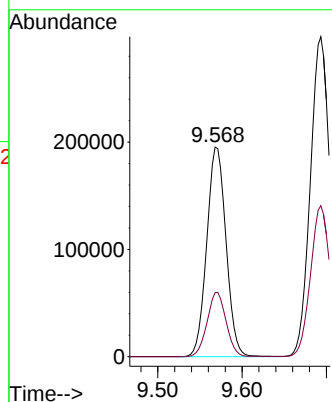
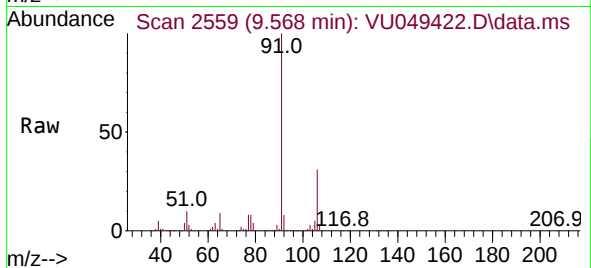
VU0627WBS02

Tgt Ion: 91 Resp: 311031

Ion Ratio Lower Upper

91 100

106 30.6 25.6 38.4



#68

m/p-Xylenes

Concen: 39.267 ug/l

RT: 9.693 min Scan# 2598

Delta R.T. 0.000 min

Lab File: VU049422.D

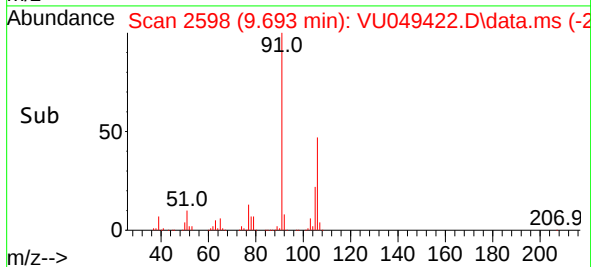
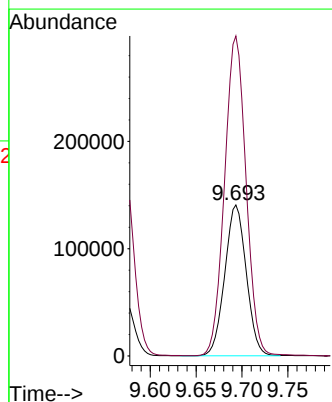
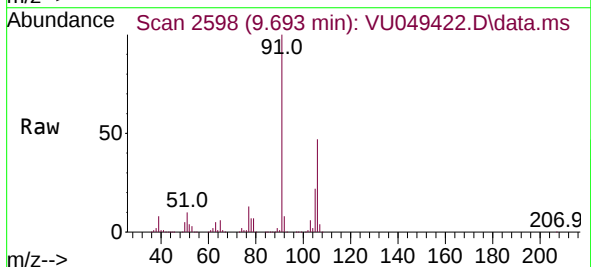
Acq: 27 Jun 2022 23:32

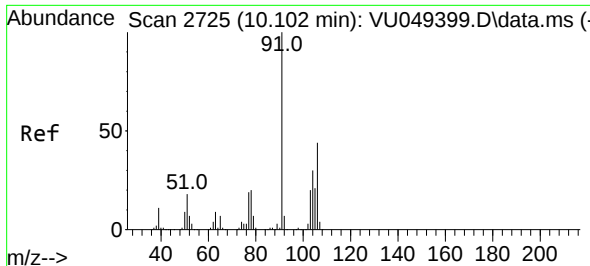
Tgt Ion:106 Resp: 229464

Ion Ratio Lower Upper

106 100

91 212.4 157.2 235.8

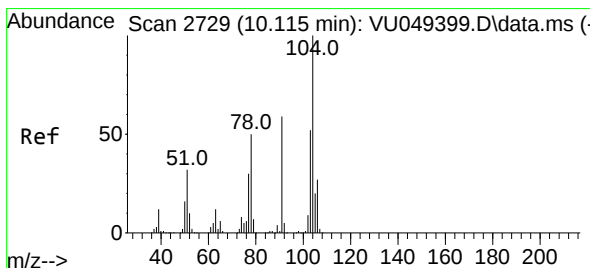
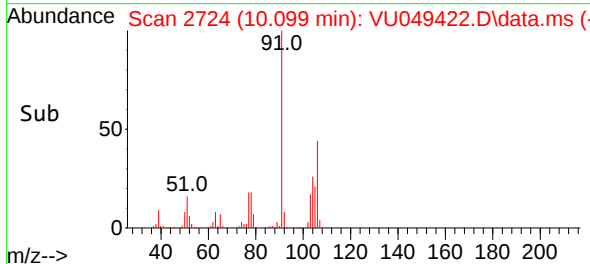
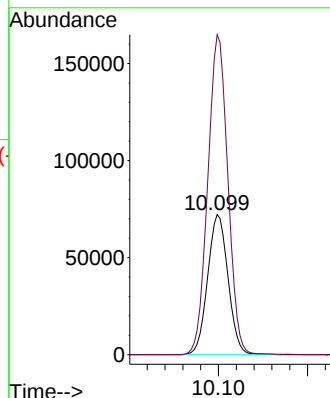
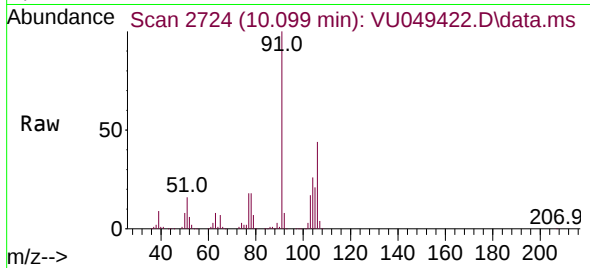




#69  
o-Xylene  
Concen: 19.735 ug/l  
RT: 10.099 min Scan# 2724  
Delta R.T. -0.003 min  
Lab File: VU049422.D  
Acq: 27 Jun 2022 23:32

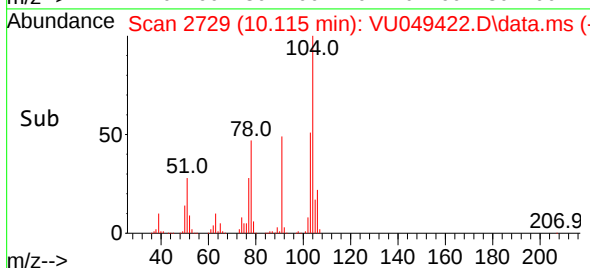
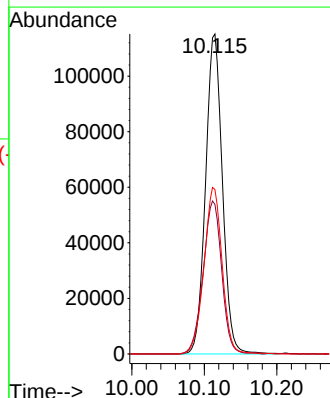
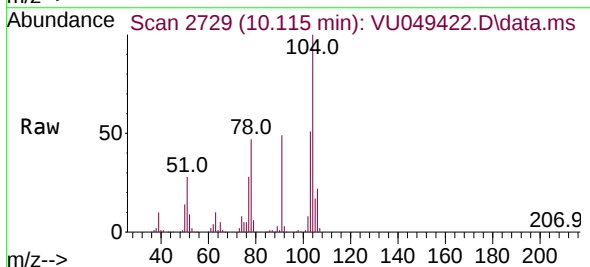
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0627WBS02

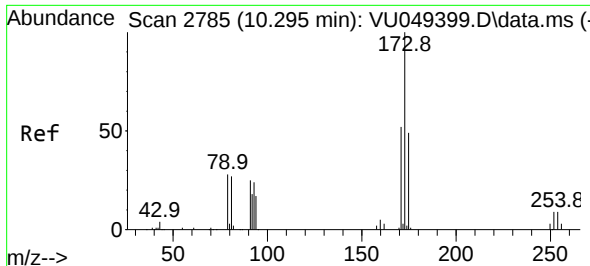
Tgt Ion:106 Resp: 114489  
Ion Ratio Lower Upper  
106 100  
91 225.2 103.5 310.5



#70  
Styrene  
Concen: 19.937 ug/l  
RT: 10.115 min Scan# 2729  
Delta R.T. 0.000 min  
Lab File: VU049422.D  
Acq: 27 Jun 2022 23:32

Tgt Ion:104 Resp: 185840  
Ion Ratio Lower Upper  
104 100  
78 52.6 38.0 57.0  
103 56.1 43.9 65.9

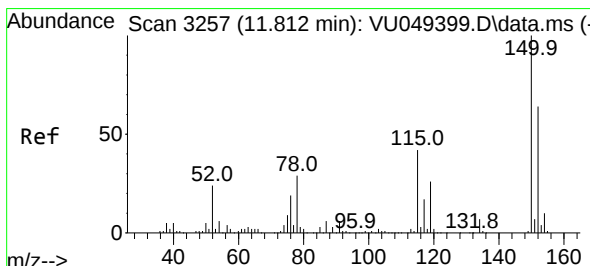
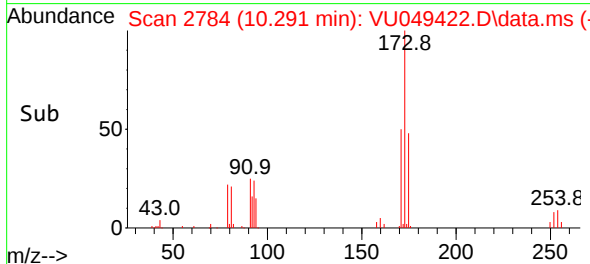
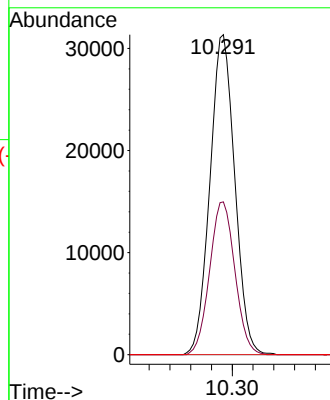
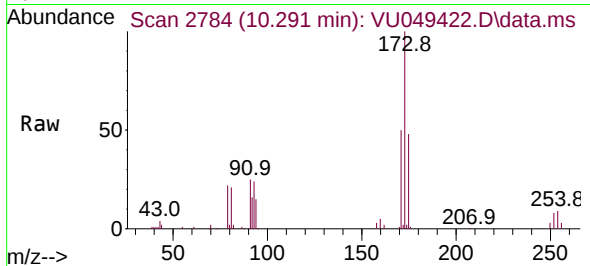




#71  
Bromoform  
Concen: 18.644 ug/l  
RT: 10.291 min Scan# 21  
Delta R.T. -0.003 min  
Lab File: VU049422.D  
Acq: 27 Jun 2022 23:32

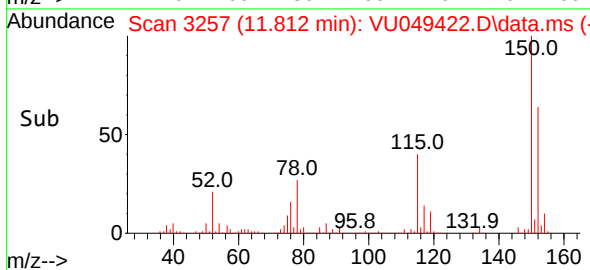
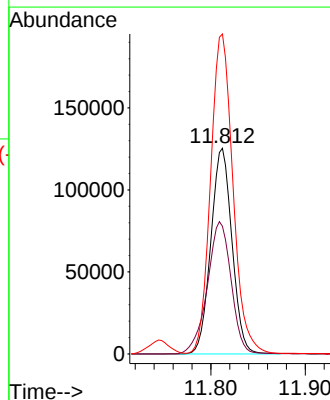
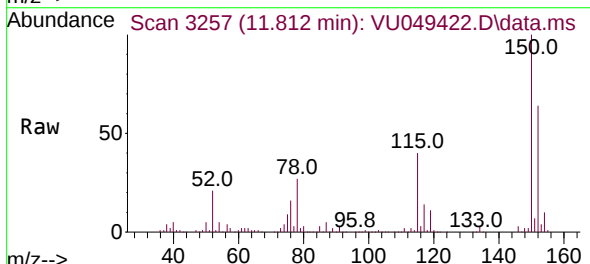
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0627WBS02

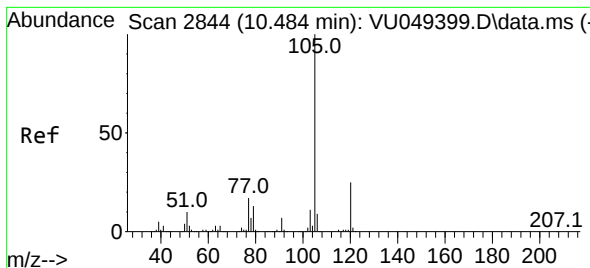
Tgt Ion:173 Resp: 51893  
Ion Ratio Lower Upper  
173 100  
175 48.6 24.1 72.2  
254 0.0 0.1 0.1#



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 11.812 min Scan# 3257  
Delta R.T. 0.000 min  
Lab File: VU049422.D  
Acq: 27 Jun 2022 23:32

Tgt Ion:152 Resp: 195090  
Ion Ratio Lower Upper  
152 100  
115 72.4 37.0 110.9  
150 163.6 0.0 342.2





#73

Isopropylbenzene

Concen: 21.908 ug/l

RT: 10.484 min Scan# 2844

Delta R.T. 0.000 min

Lab File: VU049422.D

Acq: 27 Jun 2022 23:32

Instrument :

MSVOA\_U

ClientSampleId :

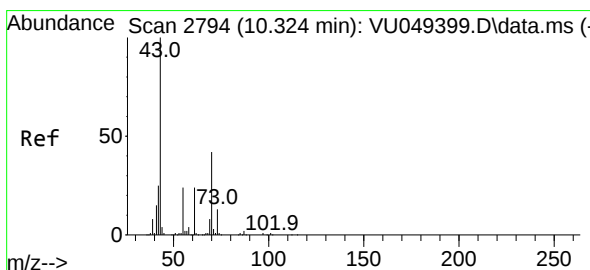
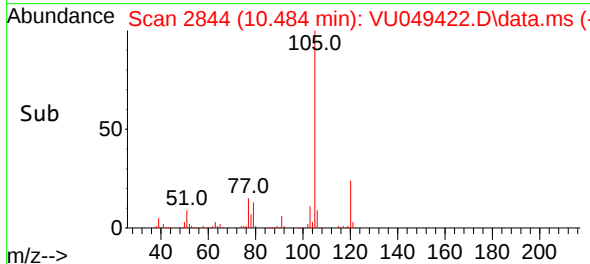
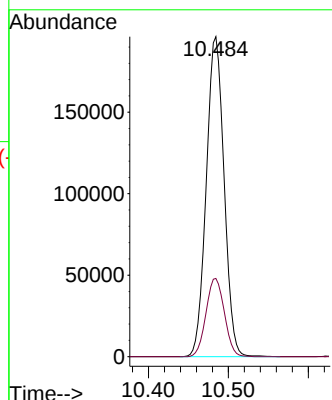
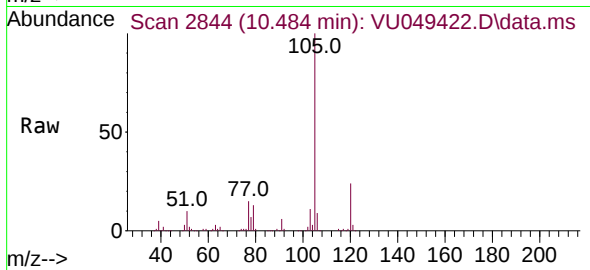
VU0627WBS02

Tgt Ion:105 Resp: 304466

Ion Ratio Lower Upper

105 100

120 25.2 13.8 41.4



#74

N-ethyl acetate

Concen: 20.365 ug/l

RT: 10.320 min Scan# 2793

Delta R.T. -0.003 min

Lab File: VU049422.D

Acq: 27 Jun 2022 23:32

Tgt Ion: 43 Resp: 149790

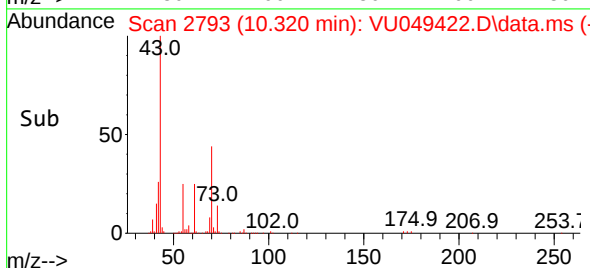
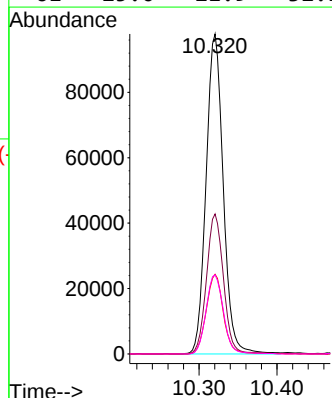
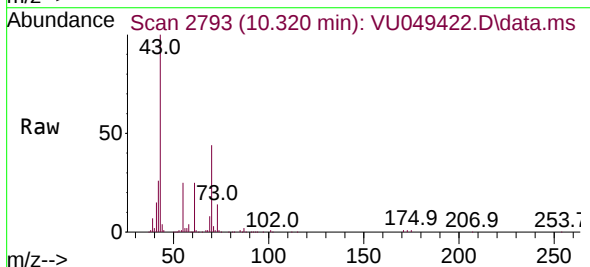
Ion Ratio Lower Upper

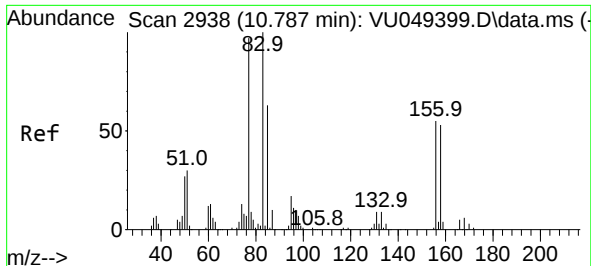
43 100

70 43.3 38.7 58.1

55 24.8 21.8 32.8

61 25.0 21.9 32.9

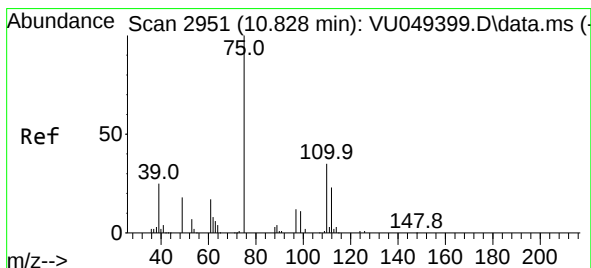
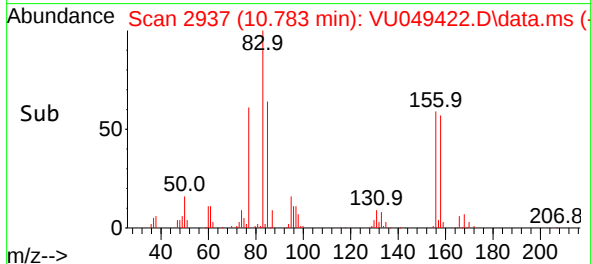
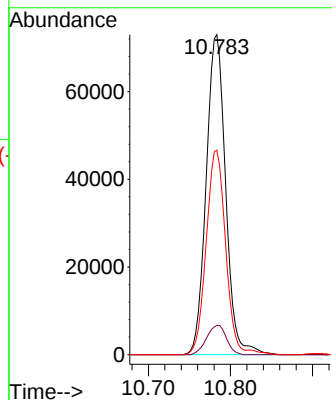
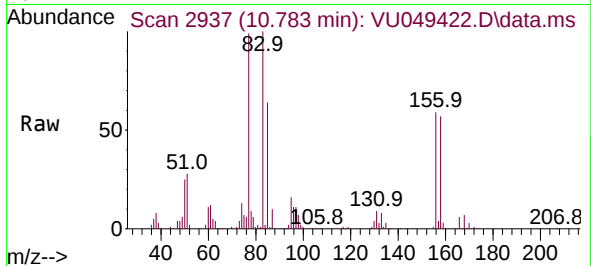




#75  
1,1,2,2-Tetrachloroethane  
Concen: 20.432 ug/l  
RT: 10.783 min Scan# 2948  
Delta R.T. -0.003 min  
Lab File: VU049422.D  
Acq: 27 Jun 2022 23:32

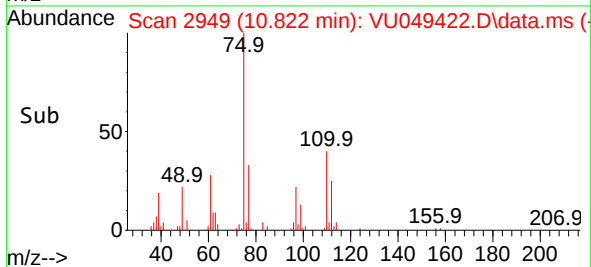
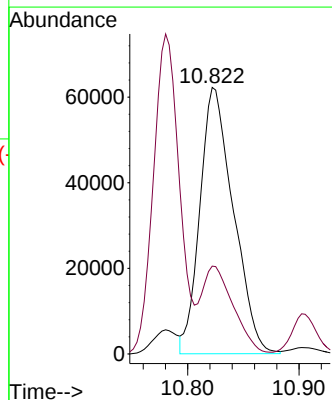
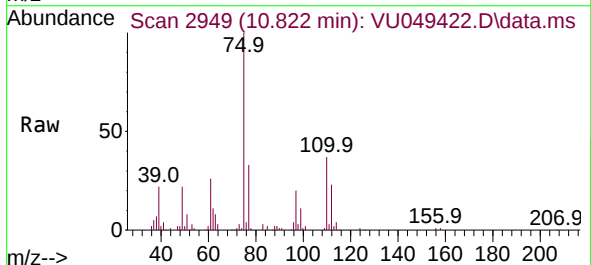
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0627WBS02

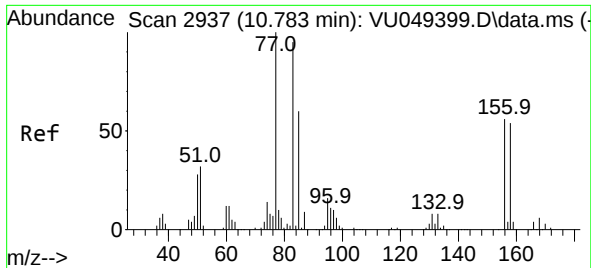
Tgt Ion: 83 Resp: 120282  
Ion Ratio Lower Upper  
83 100  
131 9.4 5.1 15.4  
85 64.0 32.2 96.6



#76  
1,2,3-Trichloropropane  
Concen: 19.637 ug/l  
RT: 10.822 min Scan# 2949  
Delta R.T. -0.006 min  
Lab File: VU049422.D  
Acq: 27 Jun 2022 23:32

Tgt Ion: 75 Resp: 129867  
Ion Ratio Lower Upper  
75 100  
77 29.8 15.8 47.3

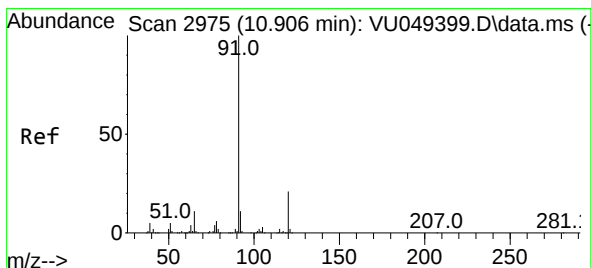
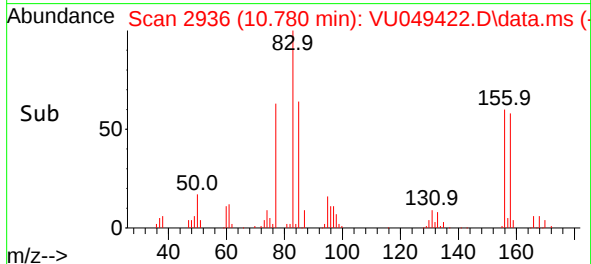
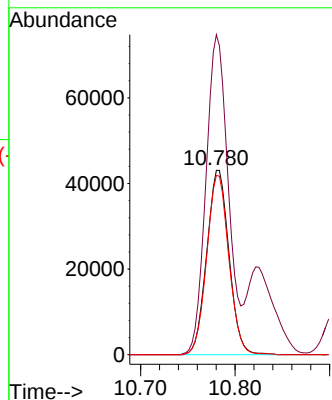
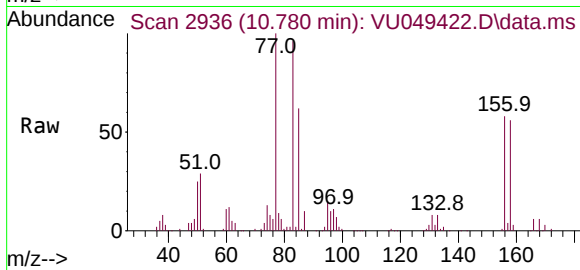




#77  
Bromobenzene  
Concen: 20.809 ug/l  
RT: 10.780 min Scan# 2937  
Delta R.T. -0.003 min  
Lab File: VU049422.D  
Acq: 27 Jun 2022 23:32

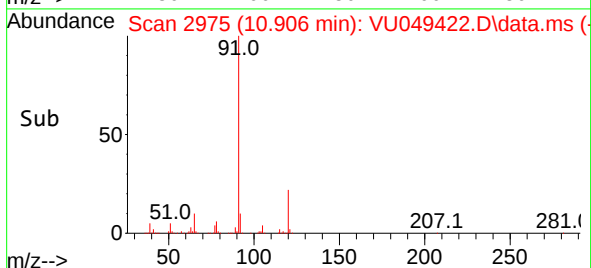
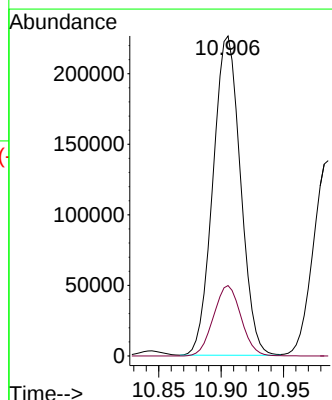
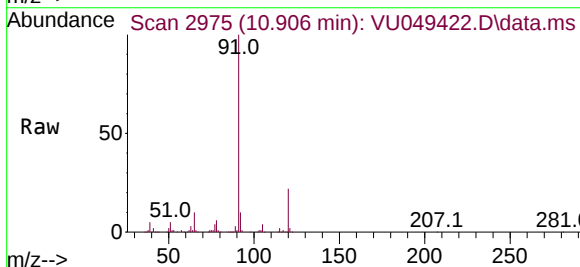
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0627WBS02

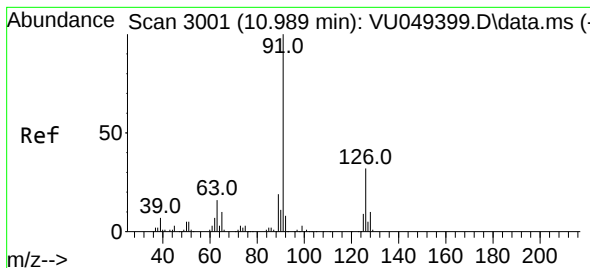
Tgt Ion:156 Resp: 70591  
Ion Ratio Lower Upper  
156 100  
77 171.7 71.9 215.6  
158 96.7 48.9 146.8



#78  
n-propylbenzene  
Concen: 20.597 ug/l  
RT: 10.906 min Scan# 2975  
Delta R.T. 0.000 min  
Lab File: VU049422.D  
Acq: 27 Jun 2022 23:32

Tgt Ion: 91 Resp: 347820  
Ion Ratio Lower Upper  
91 100  
120 22.1 11.9 35.5





#79

2-Chlorotoluene

Concen: 20.646 ug/l

RT: 10.986 min Scan# 3001

Delta R.T. -0.003 min

Lab File: VU049422.D

Acq: 27 Jun 2022 23:32

Instrument :

MSVOA\_U

ClientSampleId :

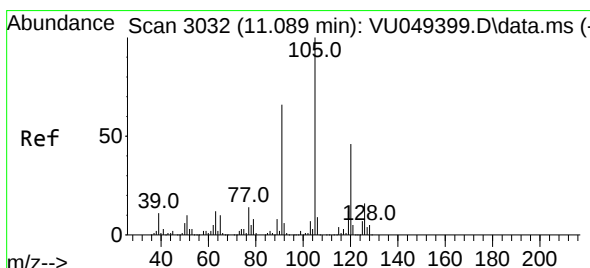
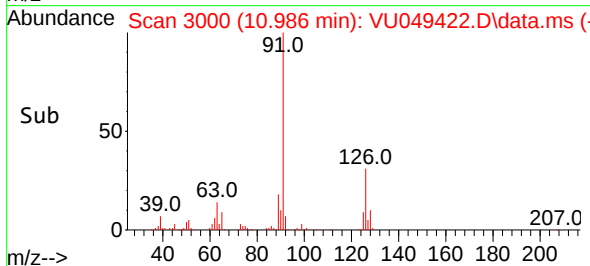
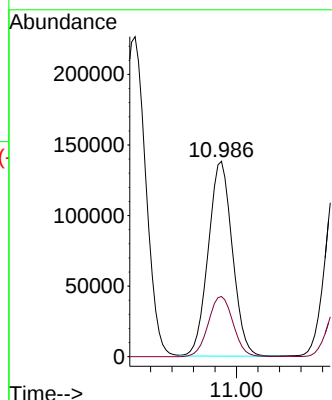
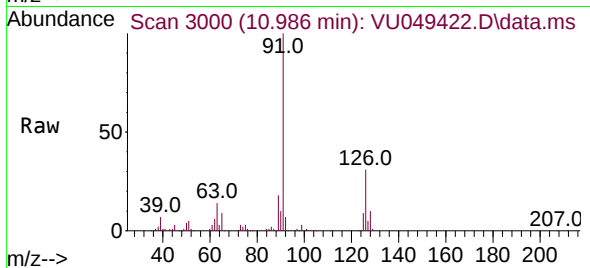
VU0627WBS02

Tgt Ion: 91 Resp: 214800

Ion Ratio Lower Upper

91 100

126 31.8 18.4 55.0



#80

1,3,5-Trimethylbenzene

Concen: 20.782 ug/l

RT: 11.086 min Scan# 3031

Delta R.T. -0.003 min

Lab File: VU049422.D

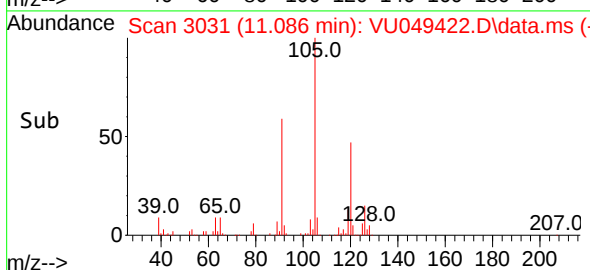
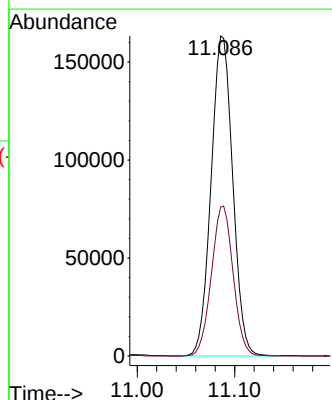
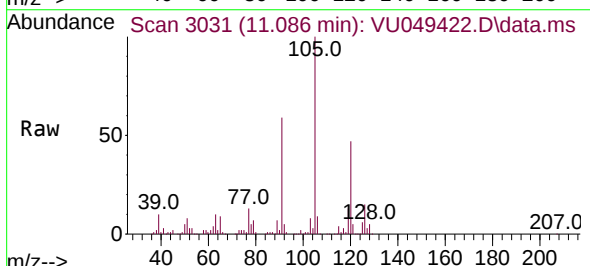
Acq: 27 Jun 2022 23:32

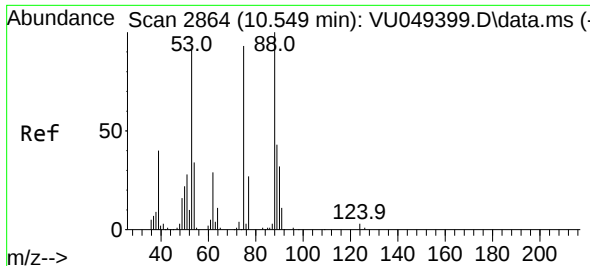
Tgt Ion:105 Resp: 252137

Ion Ratio Lower Upper

105 100

120 46.9 25.3 75.9

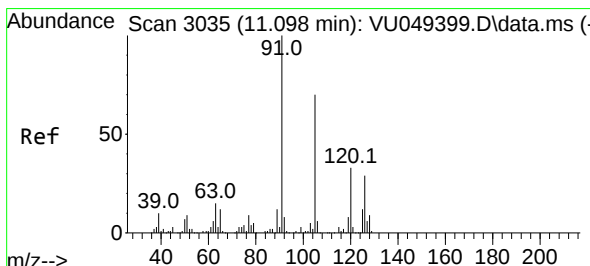
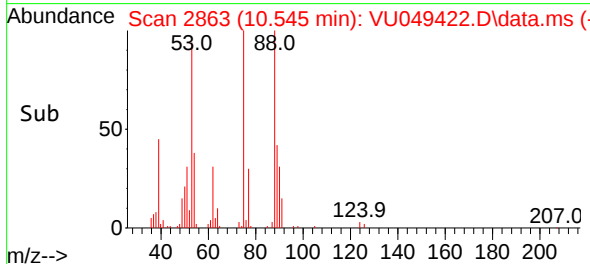
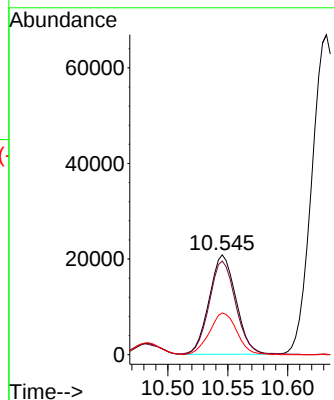
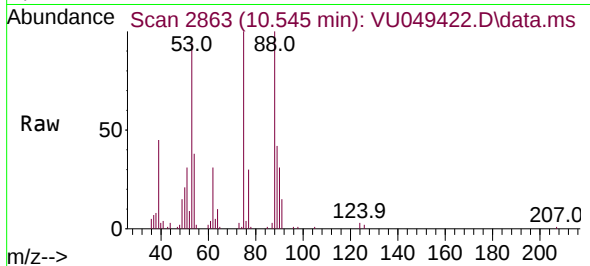




#81  
trans-1,4-Dichloro-2-butene  
Concen: 18.012 ug/l  
RT: 10.545 min Scan# 2863  
Delta R.T. -0.003 min  
Lab File: VU049422.D  
Acq: 27 Jun 2022 23:32

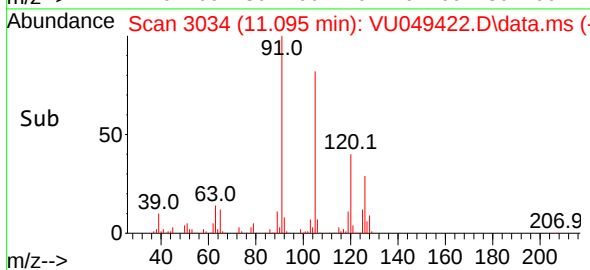
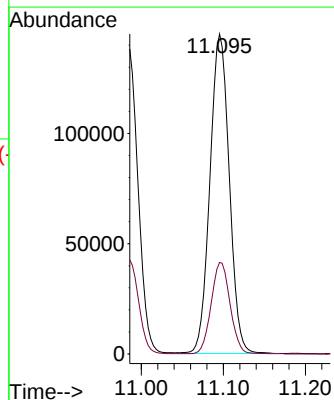
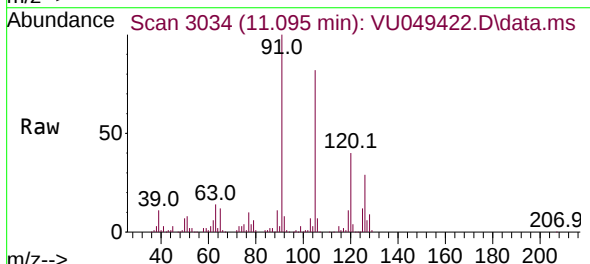
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0627WBS02

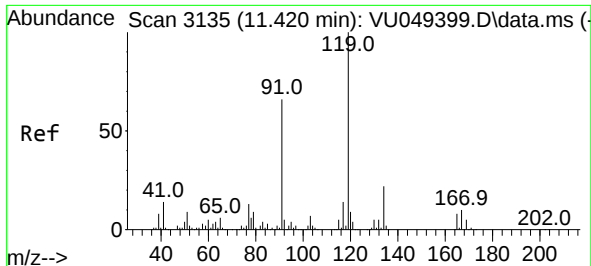
Tgt Ion: 75 Resp: 32256  
Ion Ratio Lower Upper  
75 100  
53 94.6 69.2 103.8  
89 43.1 37.0 55.6



#82  
4-Chlorotoluene  
Concen: 20.218 ug/l  
RT: 11.095 min Scan# 3034  
Delta R.T. -0.003 min  
Lab File: VU049422.D  
Acq: 27 Jun 2022 23:32

Tgt Ion: 91 Resp: 236583  
Ion Ratio Lower Upper  
91 100  
126 27.8 16.1 48.2

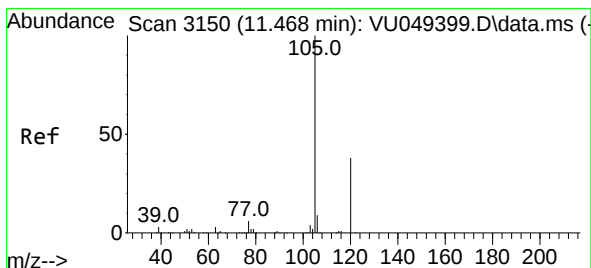
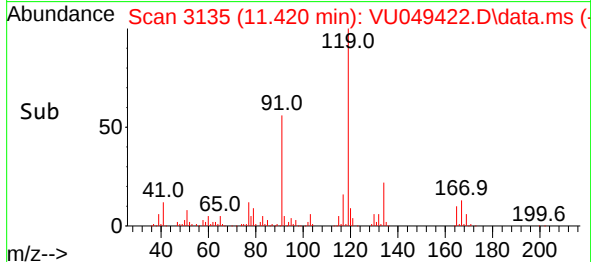
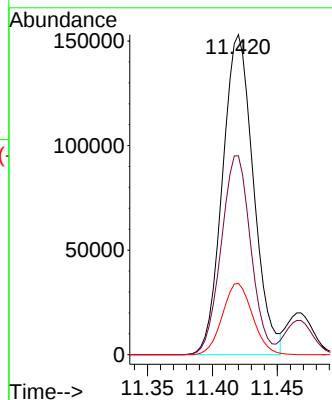
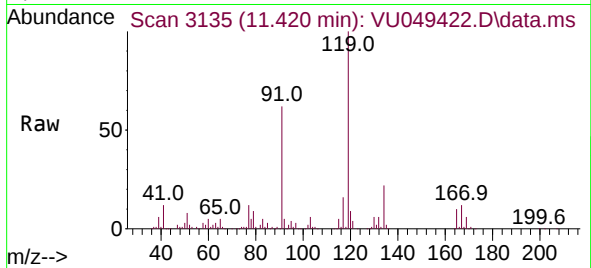




#83  
tert-Butylbenzene  
Concen: 21.232 ug/l  
RT: 11.420 min Scan# 3135  
Delta R.T. 0.000 min  
Lab File: VU049422.D  
Acq: 27 Jun 2022 23:32

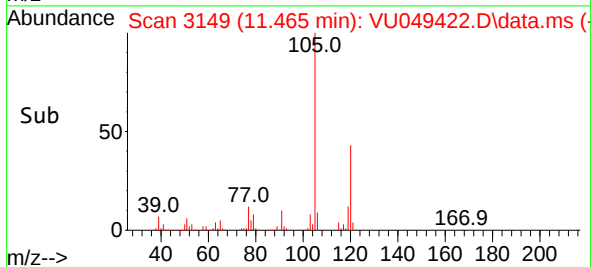
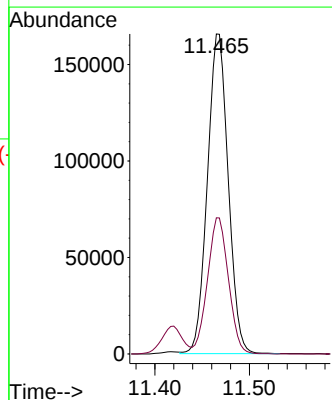
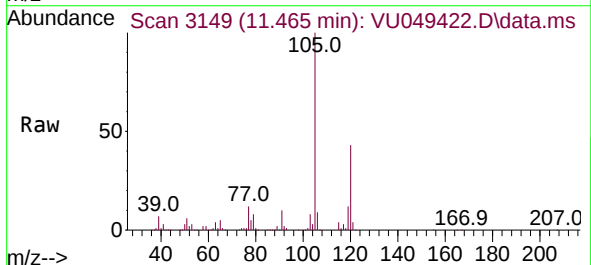
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0627WBS02

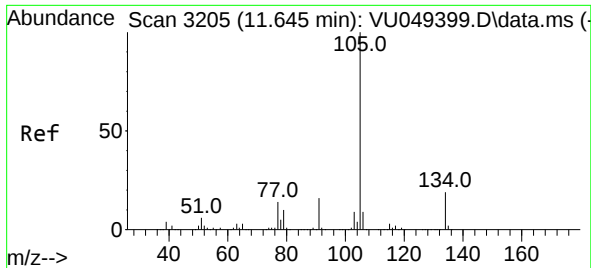
Tgt Ion:119 Resp: 253375  
Ion Ratio Lower Upper  
119 100  
91 59.9 26.8 80.3  
134 21.7 11.5 34.5



#84  
1,2,4-Trimethylbenzene  
Concen: 21.254 ug/l  
RT: 11.465 min Scan# 3149  
Delta R.T. -0.003 min  
Lab File: VU049422.D  
Acq: 27 Jun 2022 23:32

Tgt Ion:105 Resp: 253333  
Ion Ratio Lower Upper  
105 100  
120 42.9 23.4 70.3

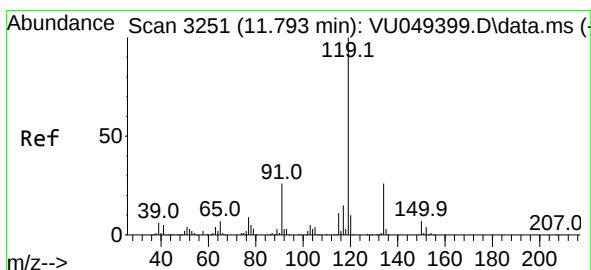
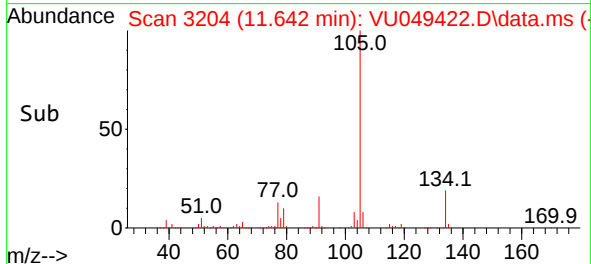
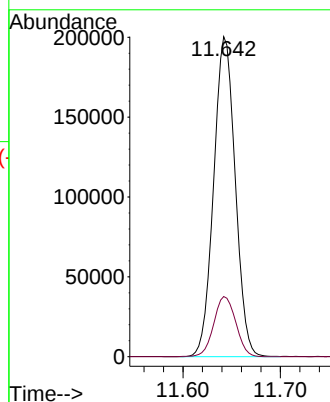
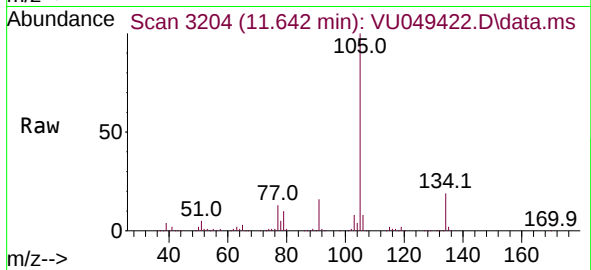




#85  
 sec-Butylbenzene  
 Concen: 20.533 ug/l  
 RT: 11.642 min Scan# 31  
 Delta R.T. -0.003 min  
 Lab File: VU049422.D  
 Acq: 27 Jun 2022 23:32

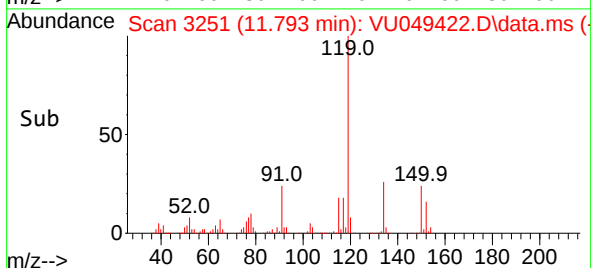
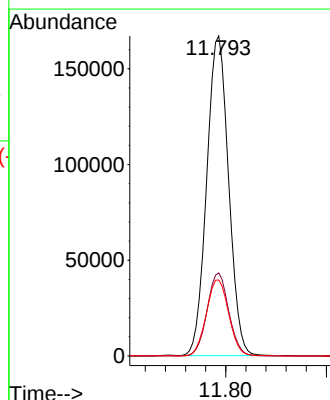
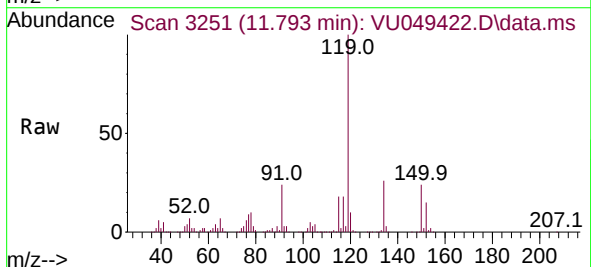
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0627WBS02

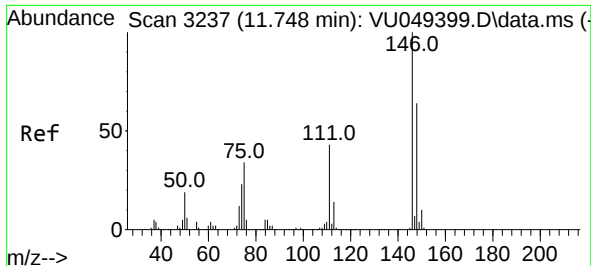
Tgt Ion:105 Resp: 308067  
 Ion Ratio Lower Upper  
 105 100  
 134 19.3 10.4 31.1



#86  
 p-Isopropyltoluene  
 Concen: 20.748 ug/l  
 RT: 11.793 min Scan# 3251  
 Delta R.T. 0.000 min  
 Lab File: VU049422.D  
 Acq: 27 Jun 2022 23:32

Tgt Ion:119 Resp: 251749  
 Ion Ratio Lower Upper  
 119 100  
 134 25.7 13.5 40.4  
 91 24.5 11.2 33.5

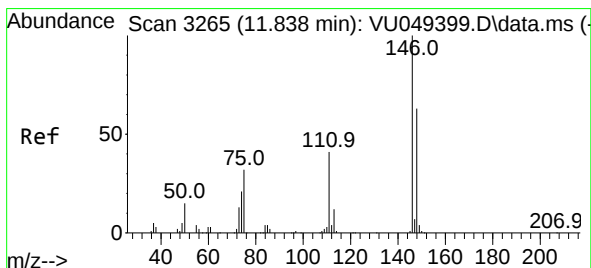
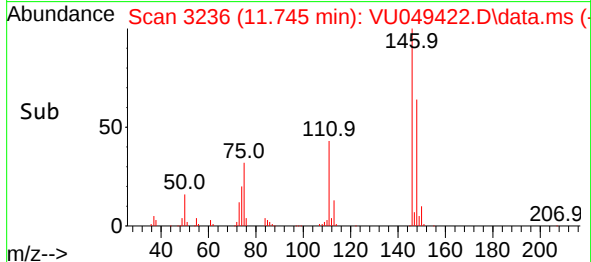
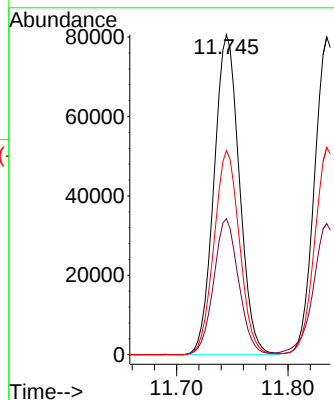
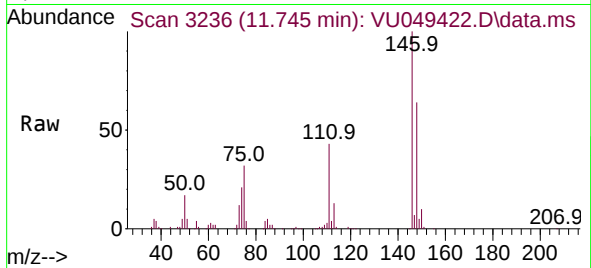




#87  
1,3-Dichlorobenzene  
Concen: 19.667 ug/l  
RT: 11.745 min Scan# 31  
Delta R.T. -0.003 min  
Lab File: VU049422.D  
Acq: 27 Jun 2022 23:32

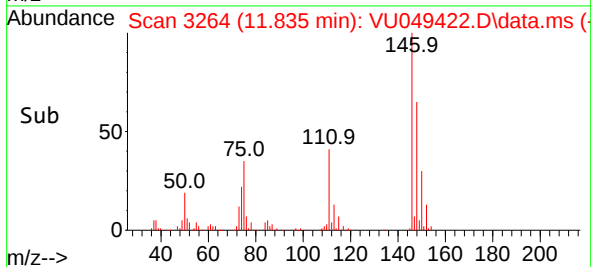
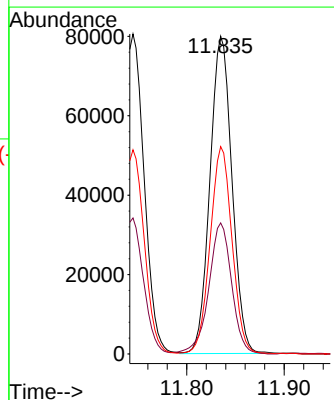
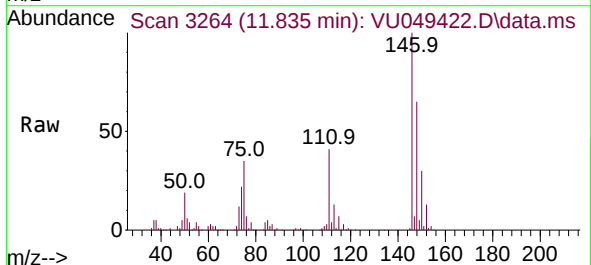
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0627WBS02

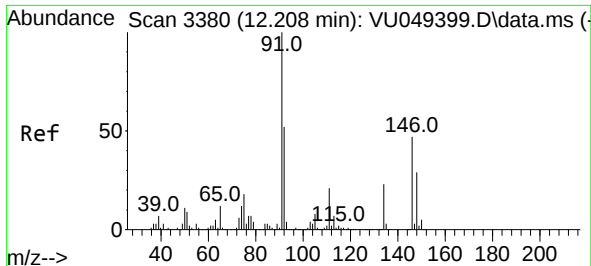
Tgt Ion:146 Resp: 127548  
Ion Ratio Lower Upper  
146 100  
111 41.9 18.9 56.5  
148 64.2 31.9 95.9



#88  
1,4-Dichlorobenzene  
Concen: 19.276 ug/l  
RT: 11.835 min Scan# 3264  
Delta R.T. -0.003 min  
Lab File: VU049422.D  
Acq: 27 Jun 2022 23:32

Tgt Ion:146 Resp: 125653  
Ion Ratio Lower Upper  
146 100  
111 43.0 18.5 55.5  
148 64.9 31.9 95.7

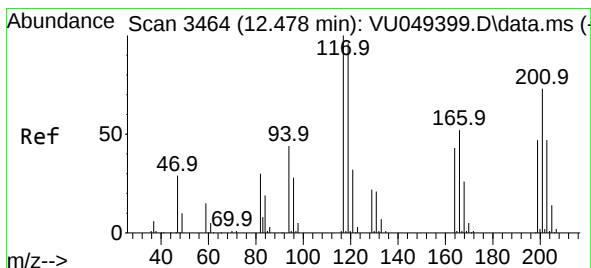
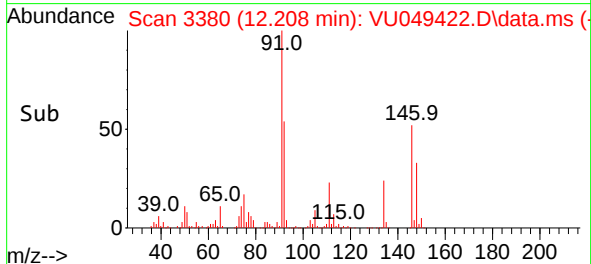
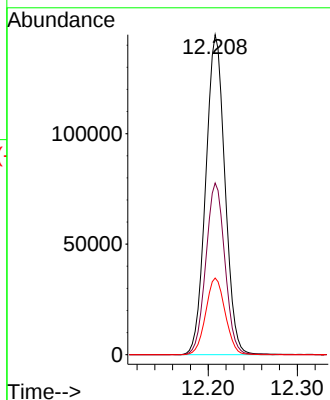
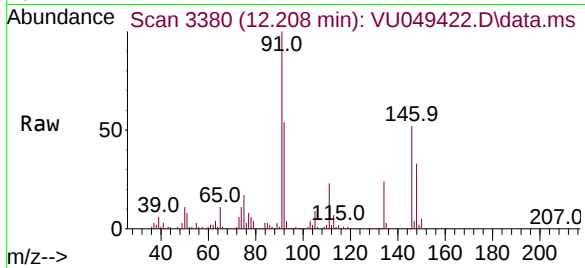




#89  
n-Butylbenzene  
Concen: 19.251 ug/l  
RT: 12.208 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VU049422.D  
Acq: 27 Jun 2022 23:32

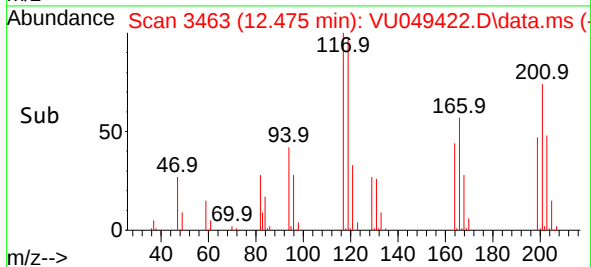
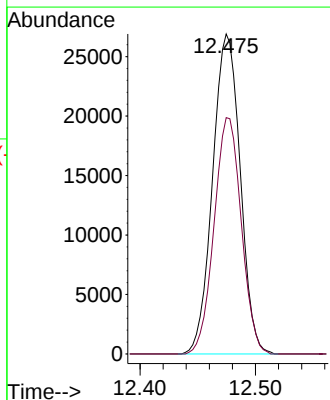
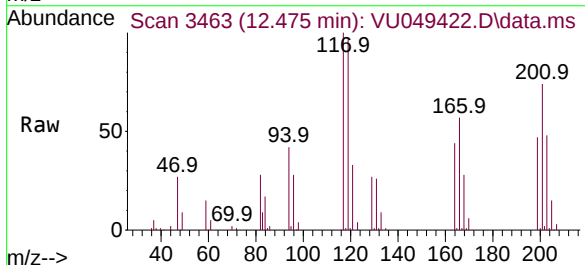
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0627WBS02

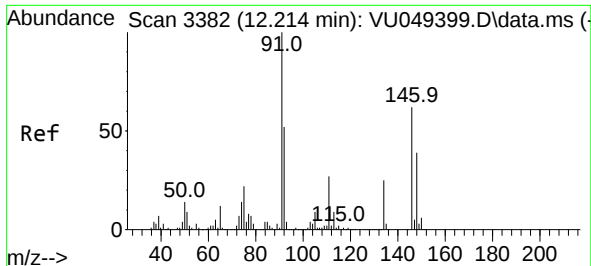
Tgt Ion: 91 Resp: 216223  
Ion Ratio Lower Upper  
91 100  
92 53.1 26.2 78.6  
134 24.3 13.5 40.4



#90  
Hexachloroethane  
Concen: 18.463 ug/l  
RT: 12.475 min Scan# 3463  
Delta R.T. -0.003 min  
Lab File: VU049422.D  
Acq: 27 Jun 2022 23:32

Tgt Ion: 117 Resp: 44620  
Ion Ratio Lower Upper  
117 100  
201 72.7 44.6 134.0





#91

1,2-Dichlorobenzene

Concen: 19.939 ug/l

RT: 12.211 min Scan# 3382

Delta R.T. -0.003 min

Lab File: VU049422.D

Acq: 27 Jun 2022 23:32

Instrument :

MSVOA\_U

ClientSampleId :

VU0627WBS02

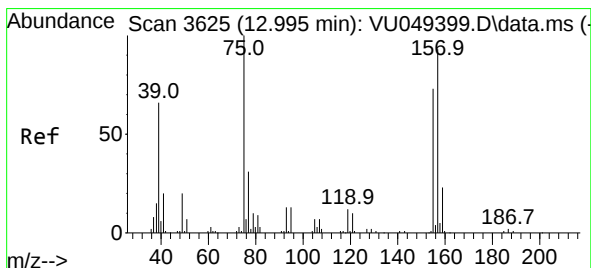
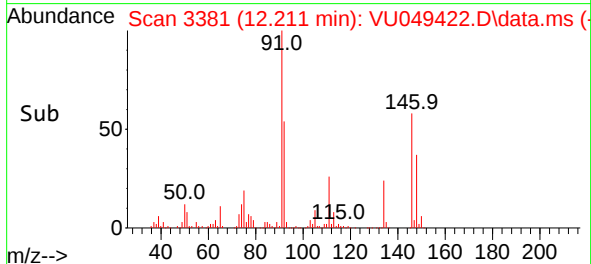
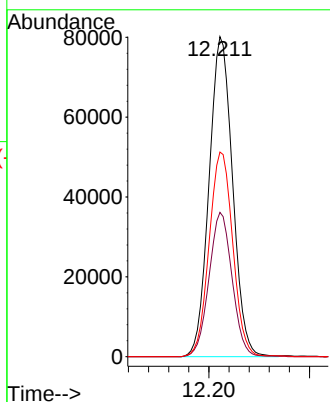
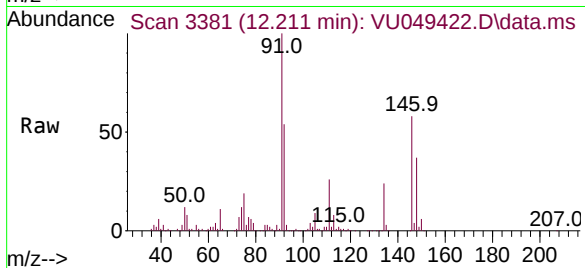
Tgt Ion:146 Resp: 129932

Ion Ratio Lower Upper

146 100

111 44.4 19.9 59.6

148 64.4 32.1 96.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.828 ug/l

RT: 12.995 min Scan# 3625

Delta R.T. 0.000 min

Lab File: VU049422.D

Acq: 27 Jun 2022 23:32

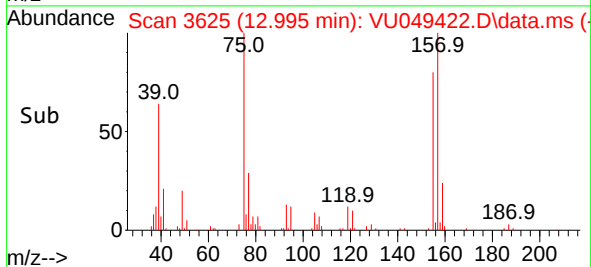
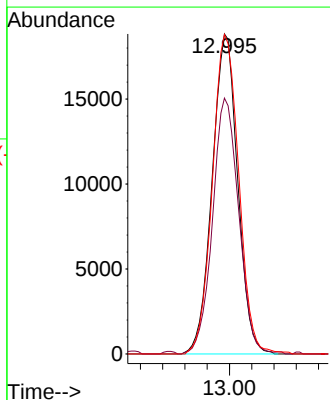
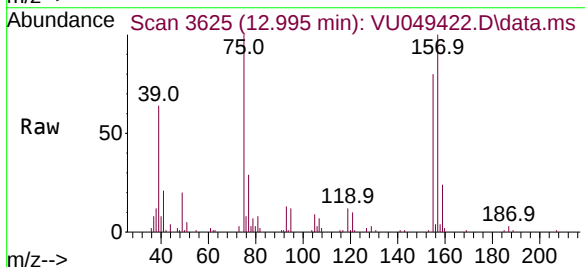
Tgt Ion: 75 Resp: 29931

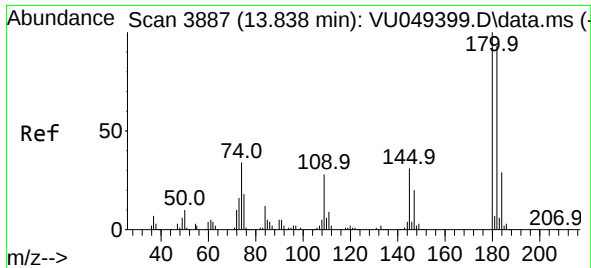
Ion Ratio Lower Upper

75 100

155 82.1 47.8 143.4

157 103.1 62.2 186.5

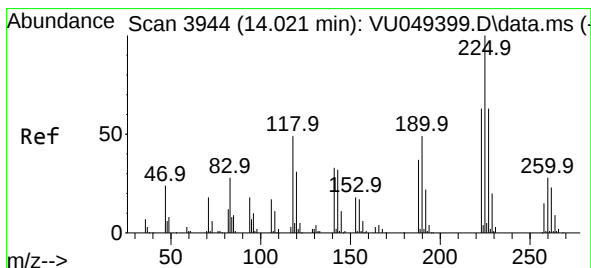
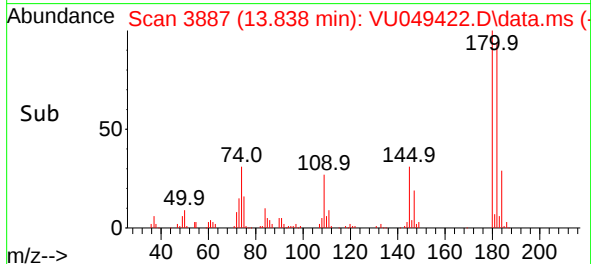
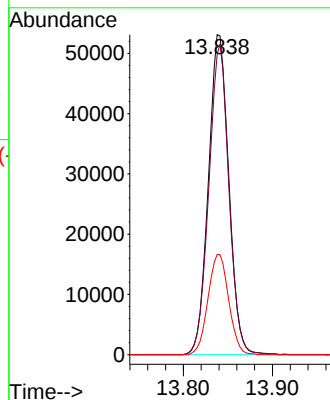
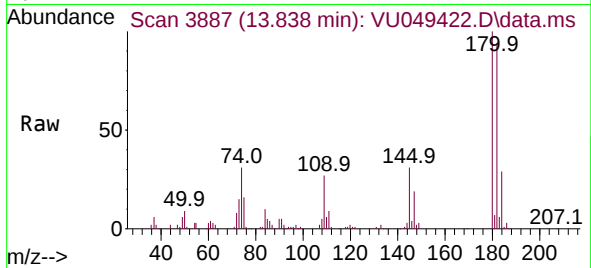




#93  
1,2,4-Trichlorobenzene  
Concen: 20.395 ug/l  
RT: 13.838 min Scan# 3887  
Delta R.T. 0.000 min  
Lab File: VU049422.D  
Acq: 27 Jun 2022 23:32

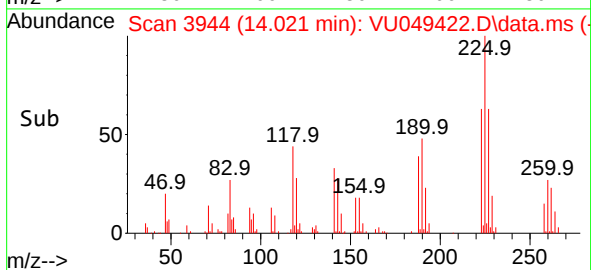
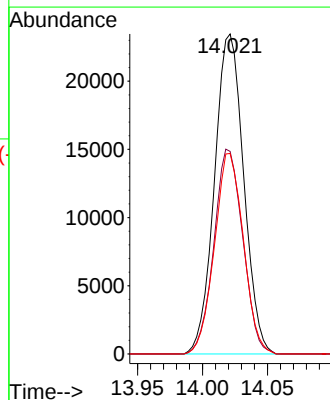
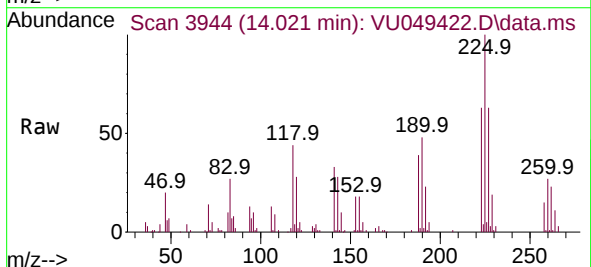
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0627WBS02

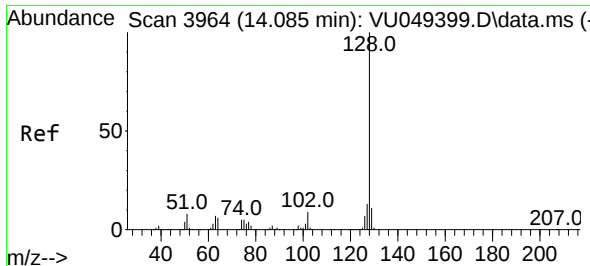
Tgt Ion:180 Resp: 84482  
Ion Ratio Lower Upper  
180 100  
182 95.0 47.9 143.6  
145 31.7 14.0 41.9



#94  
Hexachlorobutadiene  
Concen: 18.137 ug/l  
RT: 14.021 min Scan# 3944  
Delta R.T. 0.000 min  
Lab File: VU049422.D  
Acq: 27 Jun 2022 23:32

Tgt Ion:225 Resp: 36663  
Ion Ratio Lower Upper  
225 100  
223 63.2 31.3 93.9  
227 62.0 32.0 96.2

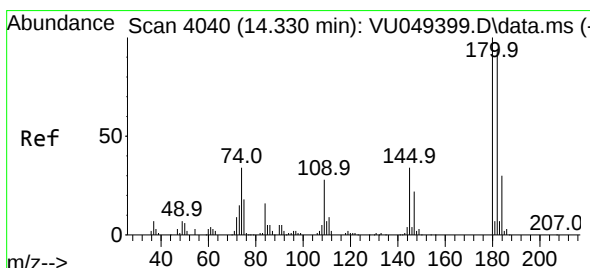
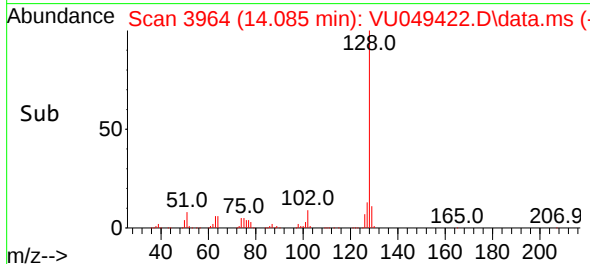
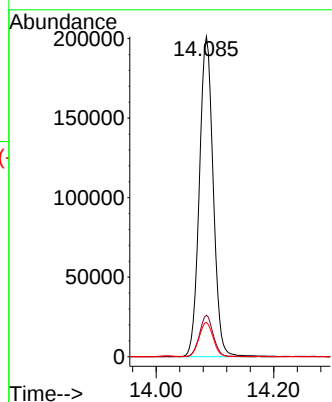
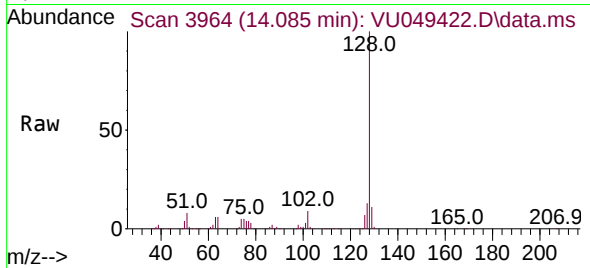




#95  
Naphthalene  
Concen: 22.548 ug/l  
RT: 14.085 min Scan# 3964  
Delta R.T. 0.000 min  
Lab File: VU049422.D  
Acq: 27 Jun 2022 23:32

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0627WBS02

Tgt Ion:128 Resp: 329306  
Ion Ratio Lower Upper  
128 100  
127 12.9 10.3 15.5  
129 10.9 8.6 13.0



#96  
1,2,3-Trichlorobenzene  
Concen: 20.061 ug/l  
RT: 14.330 min Scan# 4040  
Delta R.T. 0.000 min  
Lab File: VU049422.D  
Acq: 27 Jun 2022 23:32

Tgt Ion:180 Resp: 86946  
Ion Ratio Lower Upper  
180 100  
182 97.7 48.4 145.0  
145 35.4 14.8 44.4

