

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU070522\  
 Data File : VU049607.D  
 Acq On : 05 Jul 2022 10:09  
 Operator : SY/MD  
 Sample : VSTDC0050  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDC0050

Quant Time: Jul 06 07:46:04 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U062722W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jun 28 10:35:43 2022  
 Response via : Initial Calibration

| Compound                     | R.T.           | QIon | Response   | Conc    | Units | Dev(Min) |
|------------------------------|----------------|------|------------|---------|-------|----------|
| -----                        |                |      |            |         |       |          |
| Internal Standards           |                |      |            |         |       |          |
| 1) Pentafluorobenzene        | 5.372          | 168  | 232934     | 50.000  | ug/l  | # 0.00   |
| 34) 1,4-Difluorobenzene      | 6.247          | 114  | 397289     | 50.000  | ug/l  | 0.00     |
| 63) Chlorobenzene-d5         | 9.417          | 117  | 358725     | 50.000  | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 11.809         | 152  | 173640     | 50.000  | ug/l  | 0.00     |
| System Monitoring Compounds  |                |      |            |         |       |          |
| 33) 1,2-Dichloroethane-d4    | 5.700          | 65   | 162996     | 45.437  | ug/l  | 0.00     |
| Spiked Amount 50.000         | Range 78 - 117 |      | Recovery = | 90.880% |       |          |
| 35) Dibromofluoromethane     | 5.289          | 113  | 134836     | 48.510  | ug/l  | 0.00     |
| Spiked Amount 50.000         | Range 75 - 124 |      | Recovery = | 97.020% |       |          |
| 50) Toluene-d8               | 7.896          | 98   | 477506     | 48.165  | ug/l  | 0.00     |
| Spiked Amount 50.000         | Range 92 - 112 |      | Recovery = | 96.340% |       |          |
| 62) 4-Bromofluorobenzene     | 10.632         | 95   | 181410     | 47.769  | ug/l  | 0.00     |
| Spiked Amount 50.000         | Range 83 - 123 |      | Recovery = | 95.540% |       |          |
| Target Compounds             |                |      |            |         |       |          |
|                              |                |      |            |         |       | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.382          | 85   | 156848     | 41.904  | ug/l  | 100      |
| 3) Chloromethane             | 1.520          | 50   | 171822     | 37.337  | ug/l  | 98       |
| 4) Vinyl Chloride            | 1.604          | 62   | 162804     | 43.202  | ug/l  | 97       |
| 5) Bromomethane              | 1.842          | 94   | 64781      | 55.284  | ug/l  | 99       |
| 6) Chloroethane              | 1.922          | 64   | 94961      | 54.447  | ug/l  | 97       |
| 7) Trichlorofluoromethane    | 2.131          | 101  | 208390     | 43.390  | ug/l  | 99       |
| 8) Diethyl Ether             | 2.376          | 74   | 87081      | 50.195  | ug/l  | 88       |
| 9) 1,1,2-Trichlorotrifluo... | 2.575          | 101  | 126302     | 48.878  | ug/l  | 95       |
| 10) Methyl Iodide            | 2.716          | 142  | 177892     | 67.039  | ug/l  | 95       |
| 11) Tert butyl alcohol       | 3.186          | 59   | 247220     | 294.432 | ug/l  | # 53     |
| 12) 1,1-Dichloroethene       | 2.575          | 96   | 121904     | 48.184  | ug/l  | 93       |
| 13) Acrolein                 | 2.485          | 56   | 52050      | 91.538  | ug/l  | 99       |
| 14) Allyl chloride           | 2.919          | 41   | 249567     | 48.809  | ug/l  | # 87     |
| 15) Acrylonitrile            | 3.311          | 53   | 516482     | 255.759 | ug/l  | 99       |
| 16) Acetone                  | 2.626          | 43   | 435607     | 240.791 | ug/l  | 100      |
| 17) Carbon Disulfide         | 2.787          | 76   | 344547     | 43.669  | ug/l  | 99       |
| 18) Methyl Acetate           | 2.945          | 43   | 235806     | 48.151  | ug/l  | 92       |
| 19) Methyl tert-butyl Ether  | 3.363          | 73   | 484138     | 51.452  | ug/l  | 99       |
| 20) Methylene Chloride       | 3.041          | 84   | 149814     | 49.744  | ug/l  | 89       |
| 21) trans-1,2-Dichloroethene | 3.350          | 96   | 131084     | 48.064  | ug/l  | 93       |
| 22) Diisopropyl ether        | 3.990          | 45   | 485887     | 49.772  | ug/l  | # 76     |
| 23) Vinyl Acetate            | 3.951          | 43   | 2164450    | 252.957 | ug/l  | 95       |
| 24) 1,1-Dichloroethane       | 3.867          | 63   | 270298     | 48.202  | ug/l  | 98       |
| 25) 2-Butanone               | 4.700          | 43   | 693149     | 255.666 | ug/l  | 95       |
| 26) 2,2-Dichloropropane      | 4.662          | 77   | 226320     | 48.492  | ug/l  | 100      |
| 27) cis-1,2-Dichloroethene   | 4.665          | 96   | 160864     | 51.050  | ug/l  | 91       |
| 28) Bromochloromethane       | 4.970          | 49   | 118256     | 48.246  | ug/l  | # 79     |
| 29) Tetrahydrofuran          | 5.047          | 42   | 455082     | 244.684 | ug/l  | 89       |
| 30) Chloroform               | 5.086          | 83   | 266420     | 48.029  | ug/l  | 99       |
| 31) Cyclohexane              | 5.385          | 56   | 236191     | 43.849  | ug/l  | 90       |
| 32) 1,1,1-Trichloroethane    | 5.314          | 97   | 230184     | 47.826  | ug/l  | 99       |
| 36) 1,1-Dichloropropene      | 5.523          | 75   | 187694     | 46.571  | ug/l  | 98       |
| 37) Ethyl Acetate            | 4.800          | 43   | 259894     | 47.191  | ug/l  | # 94     |
| 38) Carbon Tetrachloride     | 5.523          | 117  | 195801     | 46.324  | ug/l  | 99       |
| 39) Methylcyclohexane        | 6.761          | 83   | 228987     | 47.401  | ug/l  | 91       |
| 40) Benzene                  | 5.771          | 78   | 587393     | 48.274  | ug/l  | 100      |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU070522\  
 Data File : VU049607.D  
 Acq On : 05 Jul 2022 10:09  
 Operator : SY/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC050

Quant Time: Jul 06 07:46:04 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U062722W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jun 28 10:35:43 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 4.970  | 41   | 137796   | 49.934   | ug/l   | 90       |
| 42) 1,2-Dichloroethane        | 5.793  | 62   | 208651   | 46.073   | ug/l   | 100      |
| 43) Isopropyl Acetate         | 5.909  | 43   | 404137   | 50.081   | ug/l   | 97       |
| 44) Trichloroethene           | 6.539  | 130  | 139342   | 48.172   | ug/l   | 85       |
| 45) 1,2-Dichloropropane       | 6.790  | 63   | 163253   | 48.420   | ug/l   | 98       |
| 46) Dibromomethane            | 6.916  | 93   | 109053   | 48.513   | ug/l   | 91       |
| 47) Bromodichloromethane      | 7.105  | 83   | 212202   | 49.046   | ug/l   | 99       |
| 48) Methyl methacrylate       | 6.957  | 41   | 188815   | 49.928   | ug/l   | 88       |
| 49) 1,4-Dioxane               | 6.973  | 88   | 105022   | 1083.963 | ug/l # | 1        |
| 51) 4-Methyl-2-Pentanone      | 7.790  | 43   | 1296037  | 239.978  | ug/l   | 96       |
| 52) Toluene                   | 7.967  | 92   | 356383   | 49.277   | ug/l   | 100      |
| 53) t-1,3-Dichloropropene     | 8.208  | 75   | 237529   | 51.180   | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 7.607  | 75   | 254296   | 51.317   | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane     | 8.398  | 97   | 150933   | 50.476   | ug/l   | 99       |
| 56) Ethyl methacrylate        | 8.330  | 69   | 260864   | 52.160   | ug/l   | 93       |
| 57) 1,3-Dichloropropane       | 8.575  | 76   | 259573   | 48.936   | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 7.462  | 63   | 142157   | 358.483  | ug/l   | 94       |
| 59) 2-Hexanone                | 8.684  | 43   | 1011457  | 238.158  | ug/l   | 96       |
| 60) Dibromochloromethane      | 8.809  | 129  | 161099   | 51.809   | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 8.922  | 107  | 161541   | 49.574   | ug/l   | 99       |
| 64) Tetrachloroethene         | 8.552  | 164  | 112622   | 48.948   | ug/l   | 94       |
| 65) Chlorobenzene             | 9.446  | 112  | 365624   | 49.855   | ug/l   | 97       |
| 66) 1,1,1,2-Tetrachloroethane | 9.533  | 131  | 143877   | 52.006   | ug/l   | 98       |
| 67) Ethyl Benzene             | 9.568  | 91   | 681301   | 50.603   | ug/l   | 97       |
| 68) m/p-Xylenes               | 9.694  | 106  | 502807   | 100.934  | ug/l   | 89       |
| 69) o-Xylene                  | 10.099 | 106  | 252520   | 51.061   | ug/l   | 90       |
| 70) Styrene                   | 10.112 | 104  | 416154   | 52.372   | ug/l   | 95       |
| 71) Bromoform                 | 10.288 | 173  | 125780   | 53.010   | ug/l # | 100      |
| 73) Isopropylbenzene          | 10.481 | 105  | 659505   | 53.317   | ug/l   | 96       |
| 74) N-amyl acetate            | 10.317 | 43   | 337117   | 51.494   | ug/l   | 94       |
| 75) 1,1,2,2-Tetrachloroethane | 10.780 | 83   | 268670   | 51.276   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 10.822 | 75   | 301731   | 51.260   | ug/l   | 100      |
| 77) Bromobenzene              | 10.780 | 156  | 153040   | 50.687   | ug/l   | 83       |
| 78) n-propylbenzene           | 10.906 | 91   | 776260   | 51.646   | ug/l   | 96       |
| 79) 2-Chlorotoluene           | 10.983 | 91   | 475484   | 51.347   | ug/l   | 92       |
| 80) 1,3,5-Trimethylbenzene    | 11.086 | 105  | 567691   | 52.570   | ug/l   | 93       |
| 81) trans-1,4-Dichloro-2-b... | 10.546 | 75   | 86777    | 54.442   | ug/l   | 96       |
| 82) 4-Chlorotoluene           | 11.095 | 91   | 533831   | 51.257   | ug/l   | 93       |
| 83) tert-Butylbenzene         | 11.420 | 119  | 551017   | 51.878   | ug/l   | 94       |
| 84) 1,2,4-Trimethylbenzene    | 11.465 | 105  | 560549   | 52.839   | ug/l   | 94       |
| 85) sec-Butylbenzene          | 11.642 | 105  | 678563   | 50.814   | ug/l   | 96       |
| 86) p-Isopropyltoluene        | 11.793 | 119  | 560088   | 51.863   | ug/l   | 96       |
| 87) 1,3-Dichlorobenzene       | 11.745 | 146  | 287386   | 49.787   | ug/l   | 97       |
| 88) 1,4-Dichlorobenzene       | 11.835 | 146  | 285686   | 49.241   | ug/l   | 97       |
| 89) n-Butylbenzene            | 12.208 | 91   | 498101   | 49.826   | ug/l   | 98       |
| 90) Hexachloroethane          | 12.475 | 117  | 105536   | 49.064   | ug/l   | 84       |
| 91) 1,2-Dichlorobenzene       | 12.211 | 146  | 294754   | 50.820   | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.996 | 75   | 69718    | 51.891   | ug/l   | 84       |
| 93) 1,2,4-Trichlorobenzene    | 13.838 | 180  | 200493   | 51.457   | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 14.021 | 225  | 86293    | 47.963   | ug/l   | 99       |
| 95) Naphthalene               | 14.086 | 128  | 746005   | 54.707   | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 14.327 | 180  | 206566   | 51.584   | ug/l   | 97       |

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Data File : VU049607.D  
Acq On : 05 Jul 2022 10:09  
Operator : SY/MD  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_U/WATER  
ALS Vial : 2 Sample Multiplier: 1

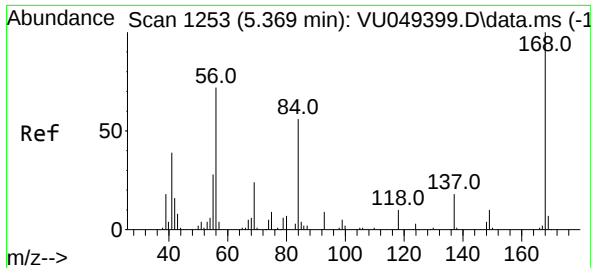
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

Quant Time: Jul 06 07:46:04 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U062722W.M  
Quant Title : SW846 8260  
QLast Update : Tue Jun 28 10:35:43 2022  
Response via : Initial Calibration

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

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

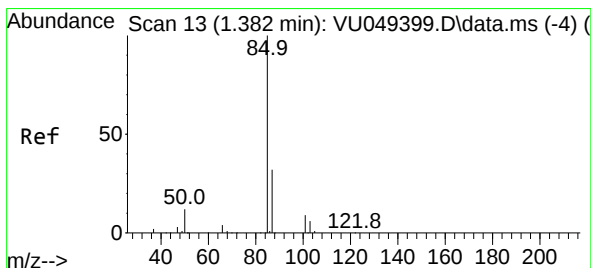
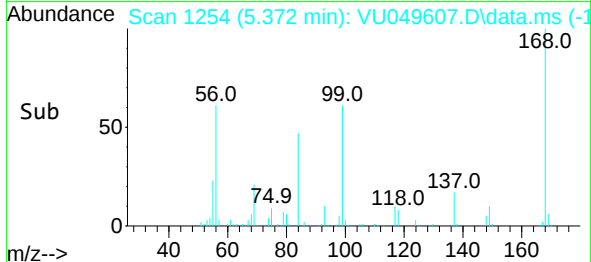
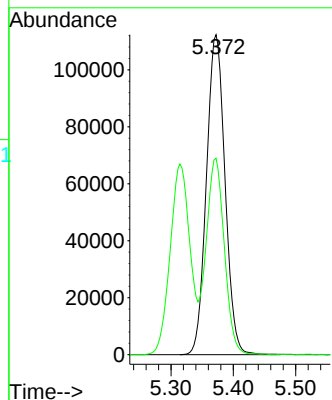
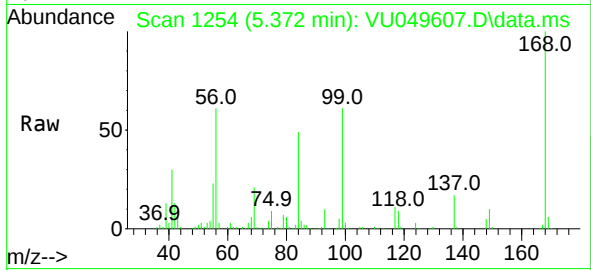




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.372 min Scan# 11  
Delta R.T. 0.003 min  
Lab File: VU049607.D  
Acq: 05 Jul 2022 10:09

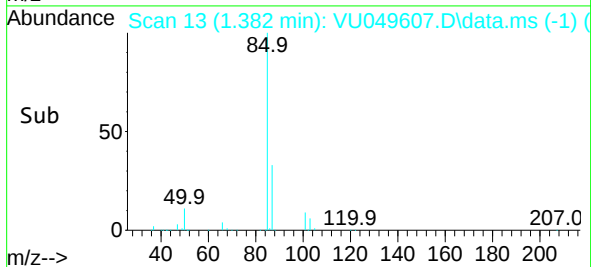
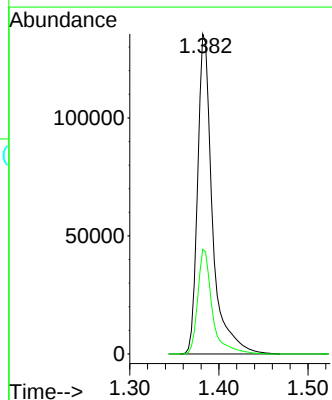
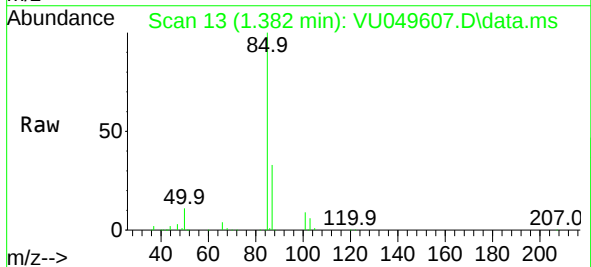
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

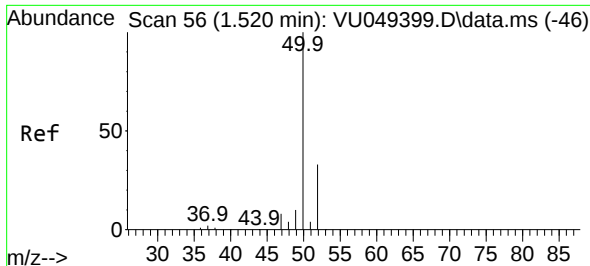
Tgt Ion:168 Resp: 232934  
Ion Ratio Lower Upper  
168 100  
99 61.3 39.3 58.9#



#2  
Dichlorodifluoromethane  
Concen: 41.904 ug/l  
RT: 1.382 min Scan# 13  
Delta R.T. 0.000 min  
Lab File: VU049607.D  
Acq: 05 Jul 2022 10:09

Tgt Ion: 85 Resp: 156848  
Ion Ratio Lower Upper  
85 100  
87 32.7 16.4 49.2

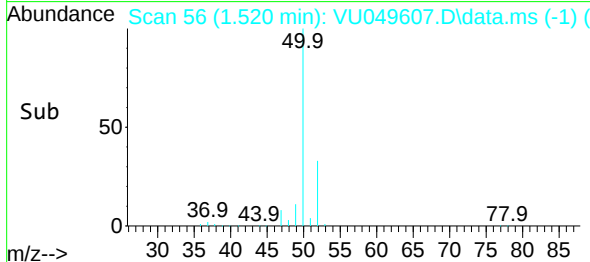
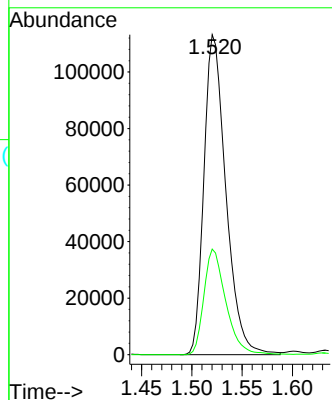
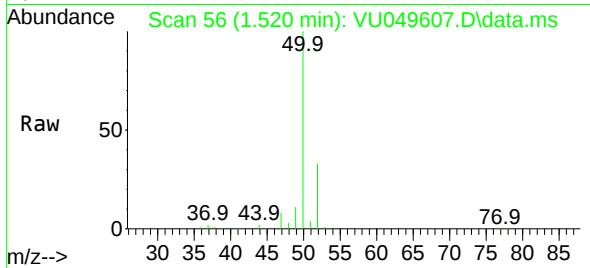




#3  
Chloromethane  
Concen: 37.337 ug/l  
RT: 1.520 min Scan# 50  
Delta R.T. 0.000 min  
Lab File: VU049607.D  
Acq: 05 Jul 2022 10:09

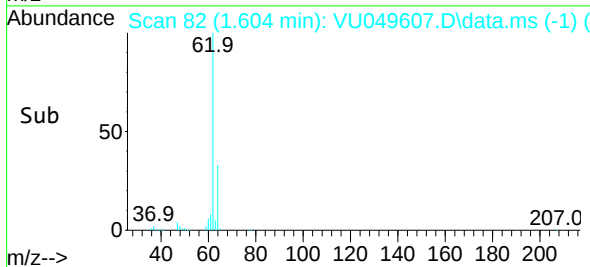
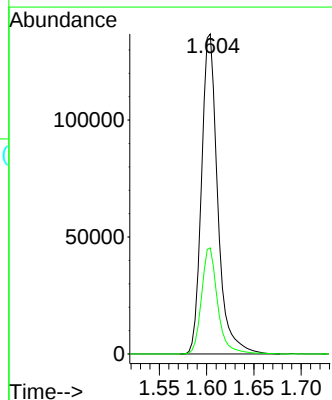
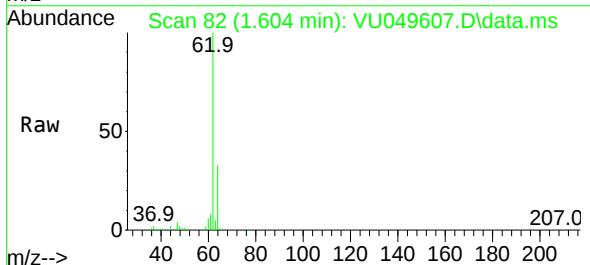
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

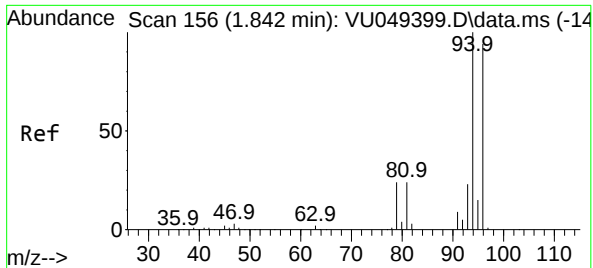
Tgt Ion: 50 Resp: 171822  
Ion Ratio Lower Upper  
50 100  
52 33.0 27.4 41.2



#4  
Vinyl Chloride  
Concen: 43.202 ug/l  
RT: 1.604 min Scan# 82  
Delta R.T. 0.003 min  
Lab File: VU049607.D  
Acq: 05 Jul 2022 10:09

Tgt Ion: 62 Resp: 162804  
Ion Ratio Lower Upper  
62 100  
64 33.1 25.3 37.9

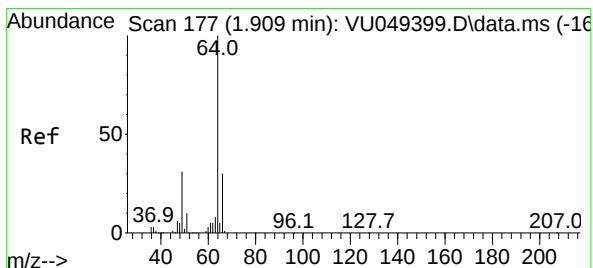
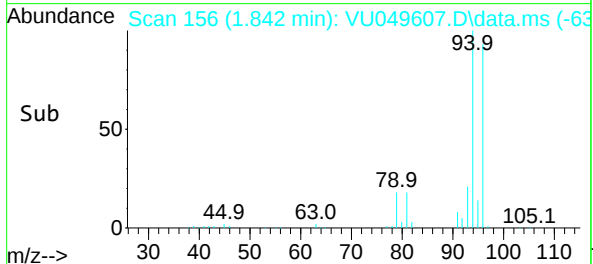
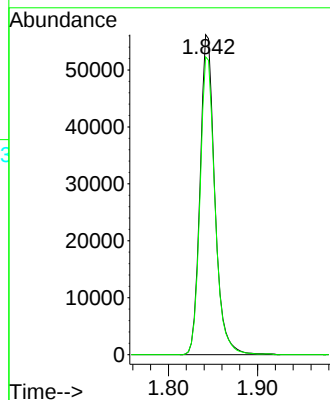
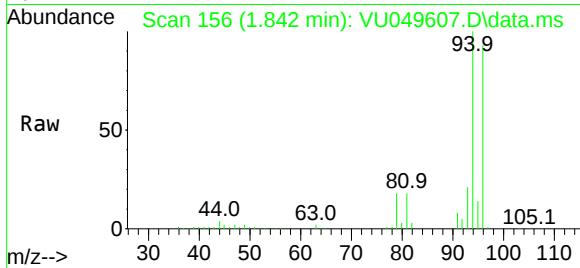




#5  
Bromomethane  
Concen: 55.284 ug/l  
RT: 1.842 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VU049607.D  
Acq: 05 Jul 2022 10:09

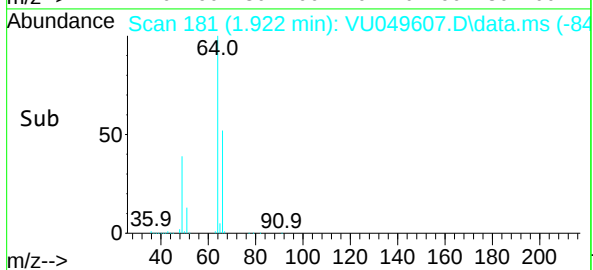
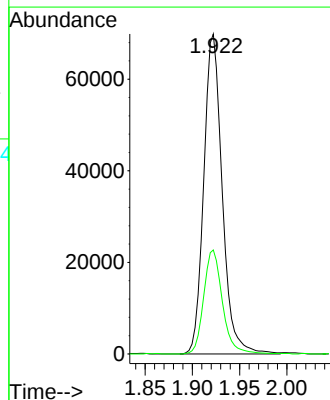
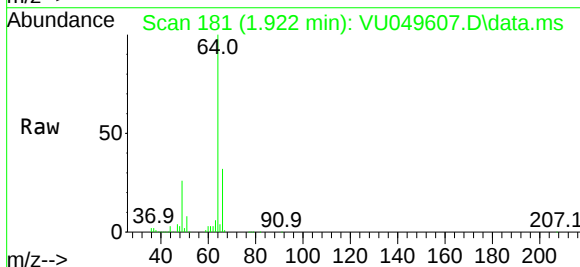
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

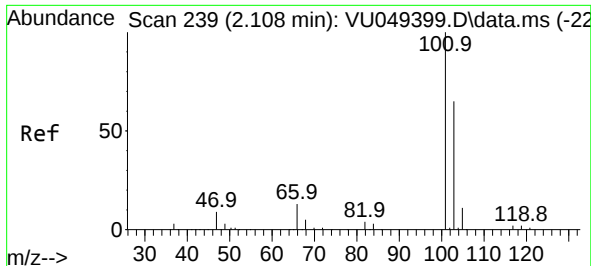
Tgt Ion: 94 Resp: 64781  
Ion Ratio Lower Upper  
94 100  
96 93.0 73.7 110.5



#6  
Chloroethane  
Concen: 54.447 ug/l  
RT: 1.922 min Scan# 181  
Delta R.T. 0.013 min  
Lab File: VU049607.D  
Acq: 05 Jul 2022 10:09

Tgt Ion: 64 Resp: 94961  
Ion Ratio Lower Upper  
64 100  
66 32.5 24.7 37.1

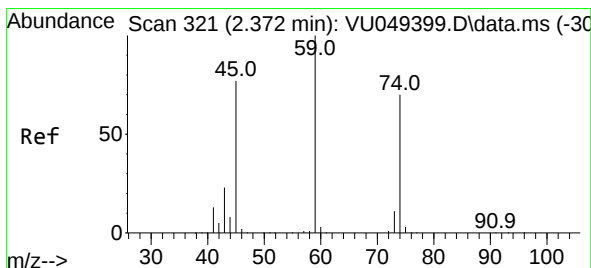
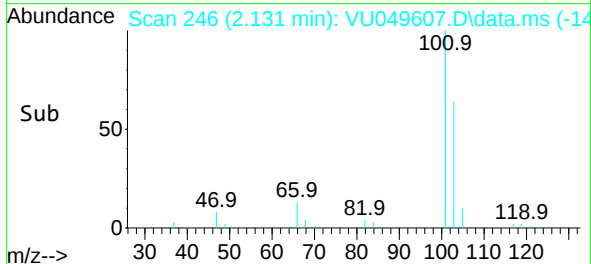
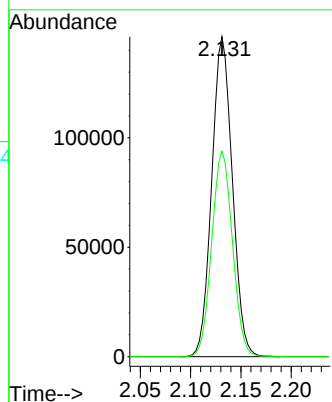
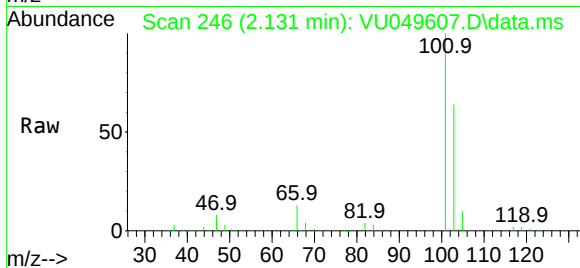




#7  
Trichlorofluoromethane  
Concen: 43.390 ug/l  
RT: 2.131 min Scan# 24  
Delta R.T. 0.023 min  
Lab File: VU049607.D  
Acq: 05 Jul 2022 10:09

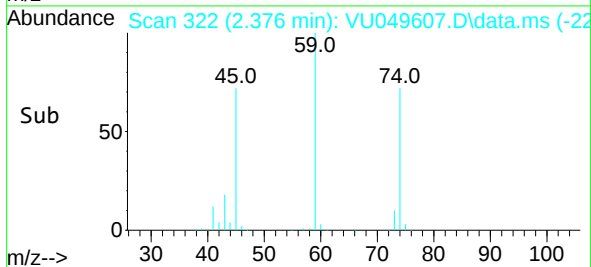
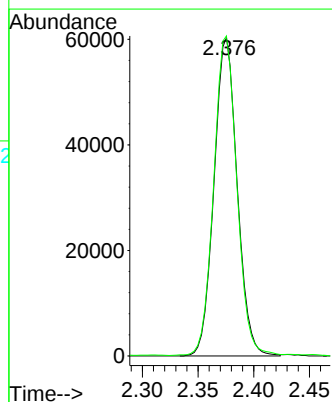
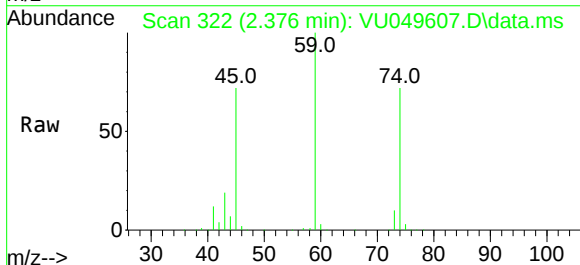
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

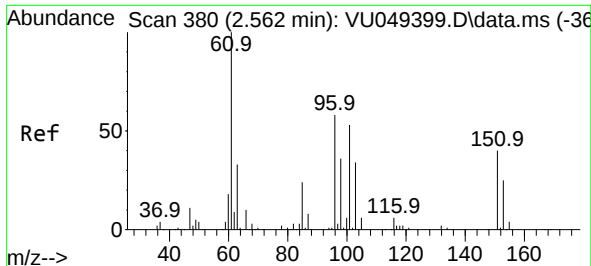
Tgt Ion:101 Resp: 208390  
Ion Ratio Lower Upper  
101 100  
103 64.2 50.6 75.8



#8  
Diethyl Ether  
Concen: 50.195 ug/l  
RT: 2.376 min Scan# 322  
Delta R.T. 0.003 min  
Lab File: VU049607.D  
Acq: 05 Jul 2022 10:09

Tgt Ion: 74 Resp: 87081  
Ion Ratio Lower Upper  
74 100  
45 100.2 44.4 133.2

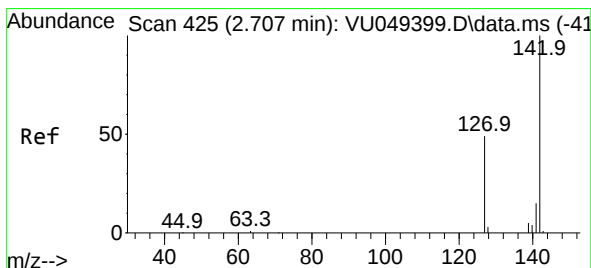
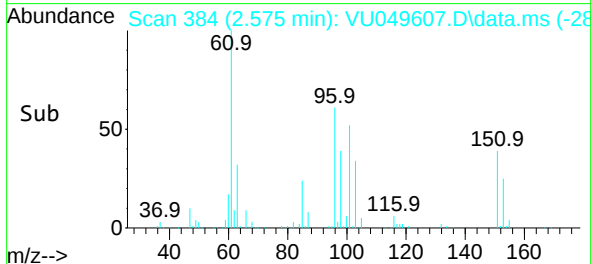
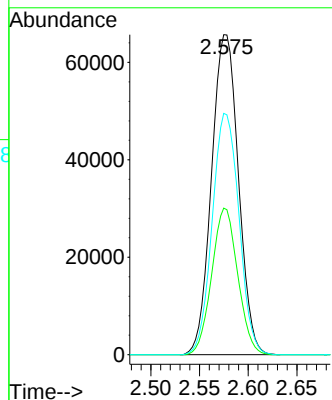
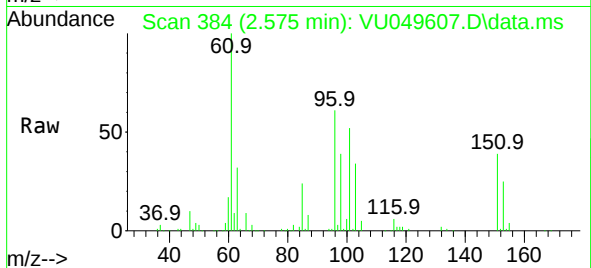




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 48.878 ug/l  
RT: 2.575 min Scan# 380  
Delta R.T. 0.013 min  
Lab File: VU049607.D  
Acq: 05 Jul 2022 10:09

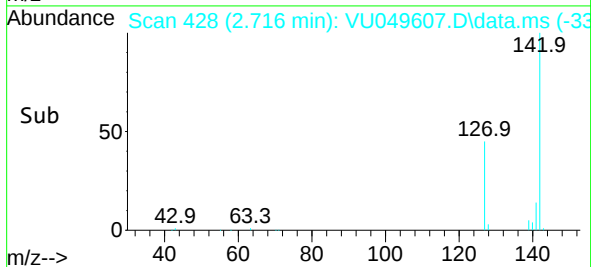
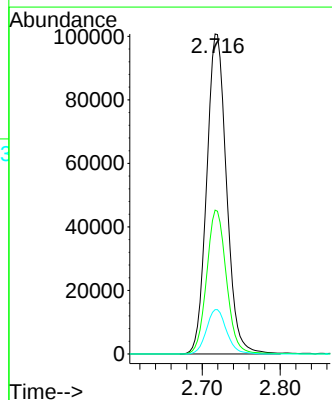
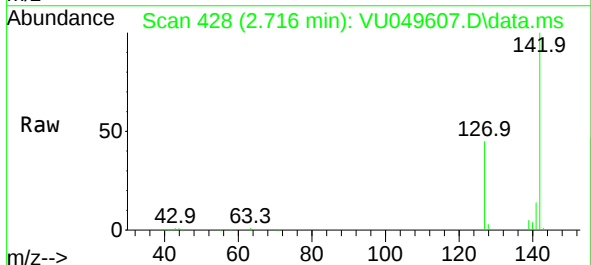
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

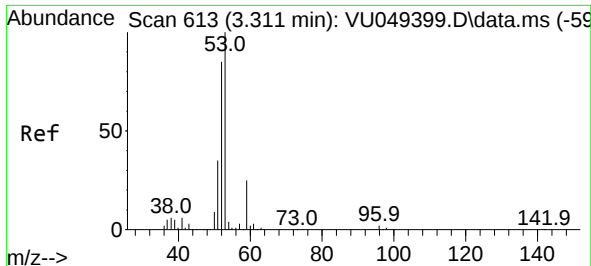
Tgt Ion:101 Resp: 126302  
Ion Ratio Lower Upper  
101 100  
85 44.2 33.9 50.9  
151 75.1 64.0 96.0



#10  
Methyl Iodide  
Concen: 67.039 ug/l  
RT: 2.716 min Scan# 428  
Delta R.T. 0.010 min  
Lab File: VU049607.D  
Acq: 05 Jul 2022 10:09

Tgt Ion:142 Resp: 177892  
Ion Ratio Lower Upper  
142 100  
127 44.8 32.5 48.7  
141 14.0 11.4 17.0

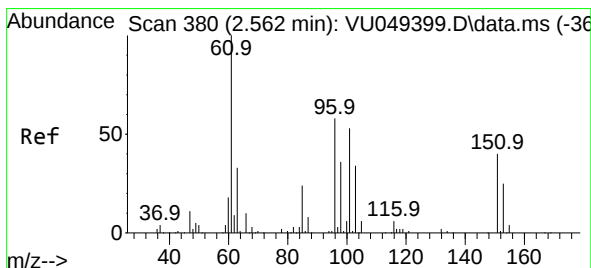
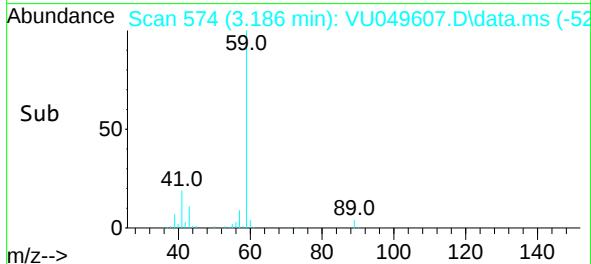
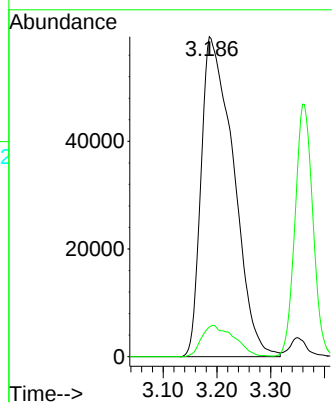
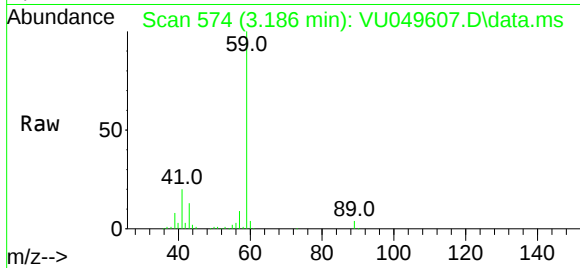




#11  
Tert butyl alcohol  
Concen: 294.432 ug/l  
RT: 3.186 min Scan# 51  
Delta R.T. -0.125 min  
Lab File: VU049607.D  
Acq: 05 Jul 2022 10:09

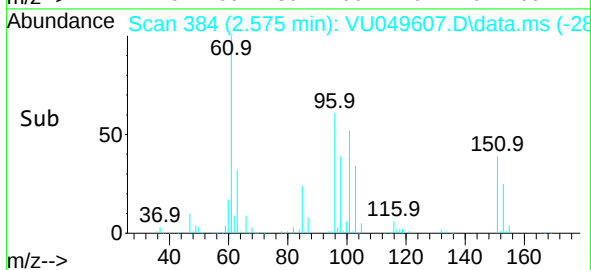
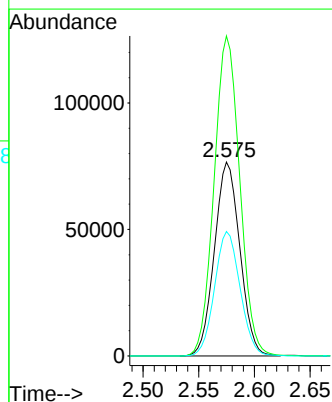
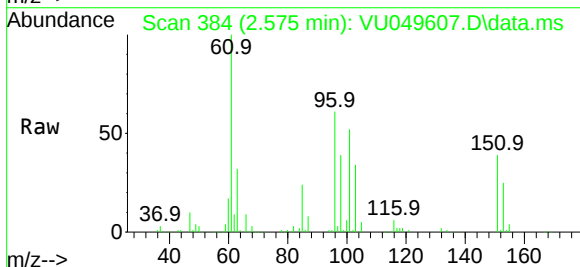
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

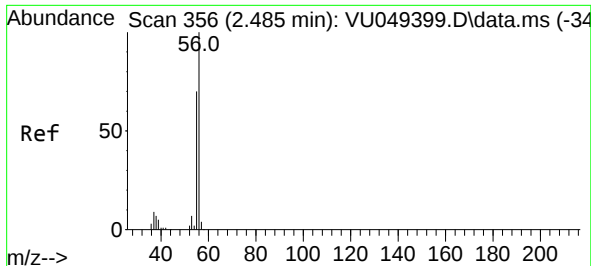
Tgt Ion: 59 Resp: 247220  
Ion Ratio Lower Upper  
59 100  
57 10.0 30.6 45.8#



#12  
1,1-Dichloroethene  
Concen: 48.184 ug/l  
RT: 2.575 min Scan# 384  
Delta R.T. 0.013 min  
Lab File: VU049607.D  
Acq: 05 Jul 2022 10:09

Tgt Ion: 96 Resp: 121904  
Ion Ratio Lower Upper  
96 100  
61 165.0 122.2 183.2  
98 64.2 50.7 76.1





#13

Acrolein

Concen: 91.538 ug/l

RT: 2.485 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU049607.D

Acq: 05 Jul 2022 10:09

Instrument :

MSVOA\_U

ClientSampleId :

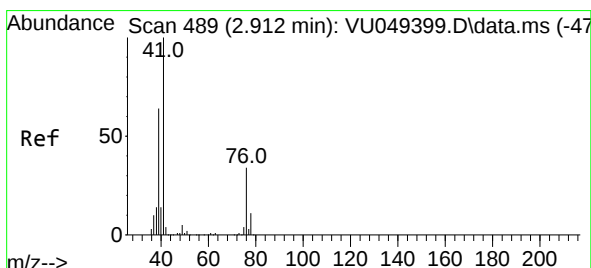
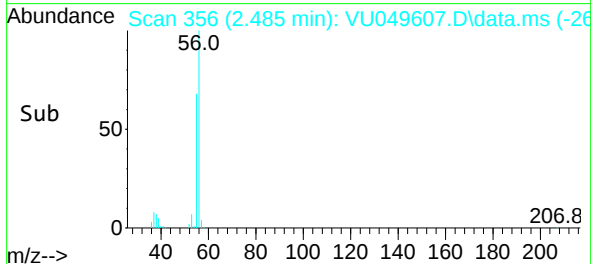
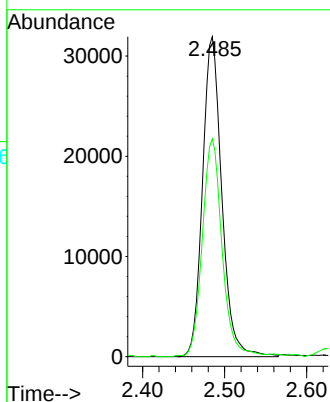
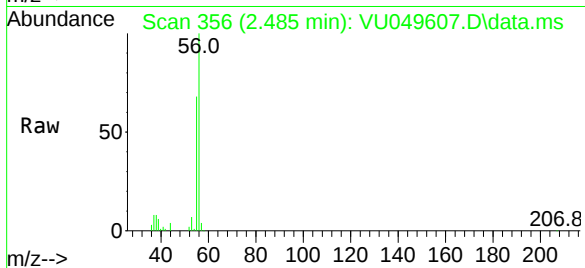
VSTDCCC050

Tgt Ion: 56 Resp: 52050

Ion Ratio Lower Upper

56 100

55 69.9 56.6 85.0



#14

Allyl chloride

Concen: 48.809 ug/l

RT: 2.919 min Scan# 491

Delta R.T. 0.007 min

Lab File: VU049607.D

Acq: 05 Jul 2022 10:09

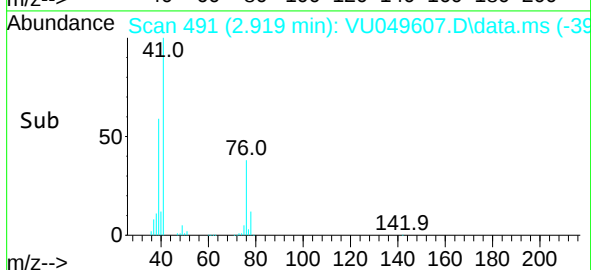
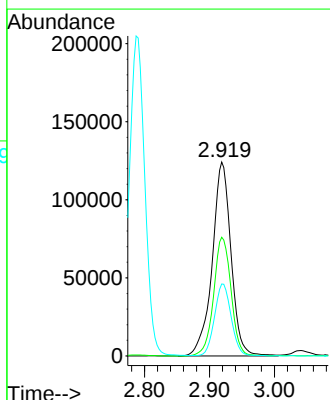
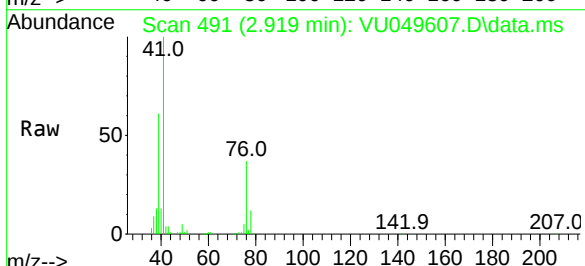
Tgt Ion: 41 Resp: 249567

Ion Ratio Lower Upper

41 100

39 56.7 53.4 80.2

76 32.9 33.8 50.6#

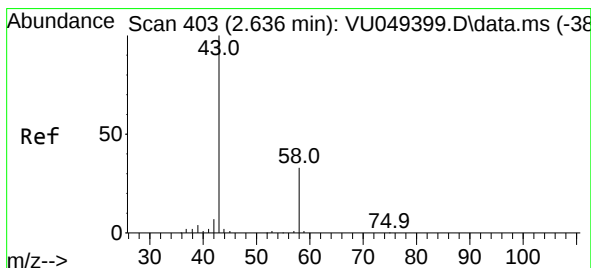
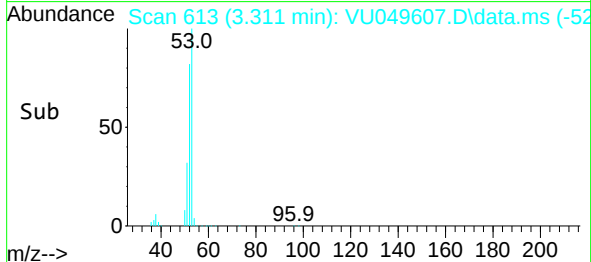
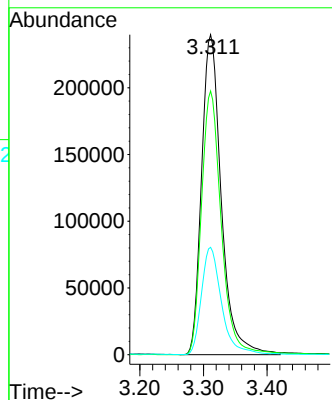
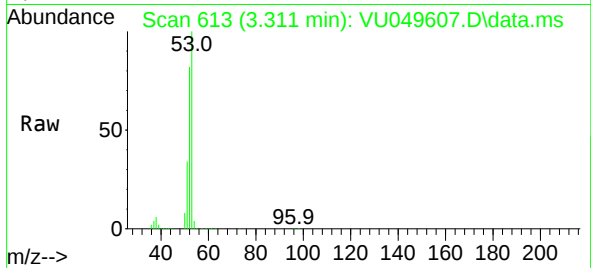




#15  
Acrylonitrile  
Concen: 255.759 ug/l  
RT: 3.311 min Scan# 615  
Delta R.T. -0.006 min  
Lab File: VU049607.D  
Acq: 05 Jul 2022 10:09

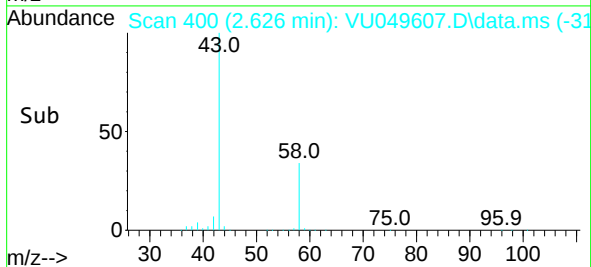
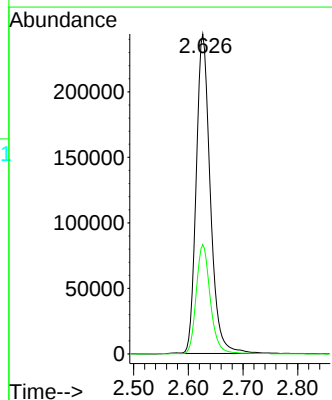
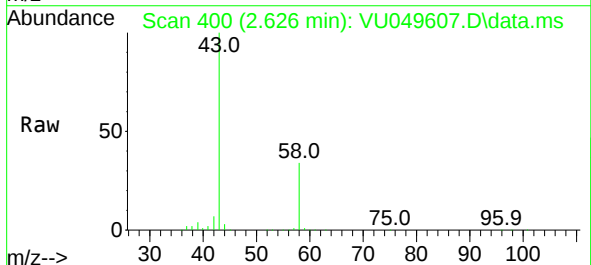
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MSVOA\_U  
ClientSampleId :  
VSTDCCC050

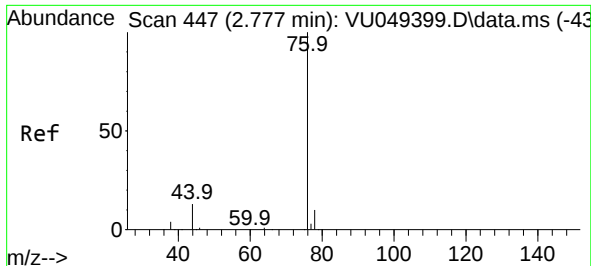
Tgt Ion: 53 Resp: 516482  
Ion Ratio Lower Upper  
53 100  
52 82.6 65.7 98.5  
51 34.1 28.2 42.4



#16  
Acetone  
Concen: 240.791 ug/l  
RT: 2.626 min Scan# 400  
Delta R.T. -0.009 min  
Lab File: VU049607.D  
Acq: 05 Jul 2022 10:09

Tgt Ion: 43 Resp: 435607  
Ion Ratio Lower Upper  
43 100  
58 34.2 27.5 41.3

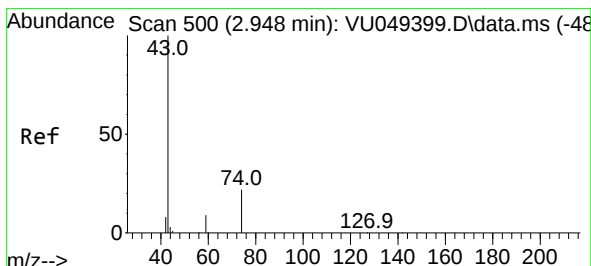
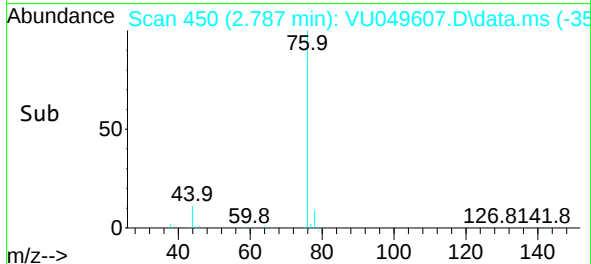
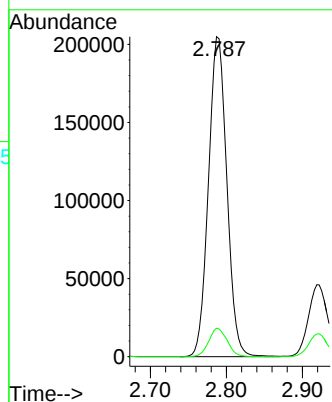
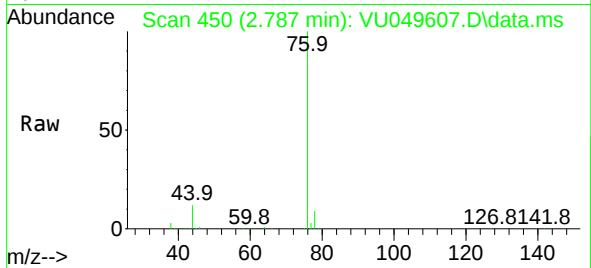




#17  
Carbon Disulfide  
Concen: 43.669 ug/l  
RT: 2.787 min Scan# 411  
Delta R.T. 0.010 min  
Lab File: VU049607.D  
Acq: 05 Jul 2022 10:09

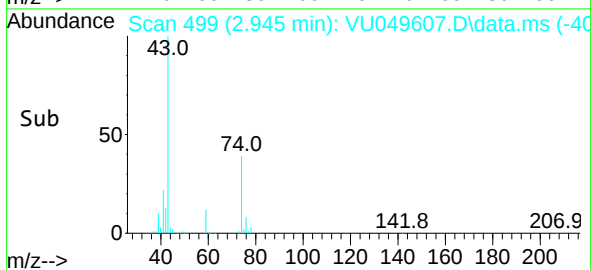
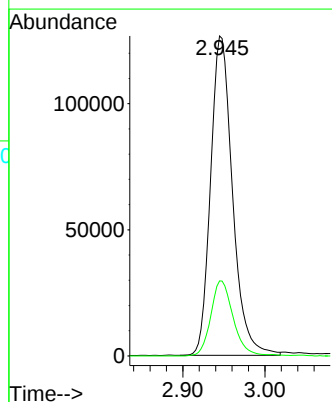
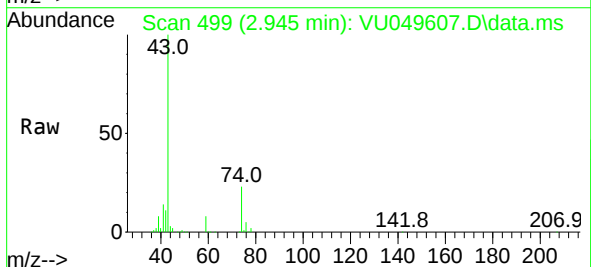
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 76 Resp: 344547  
Ion Ratio Lower Upper  
76 100  
78 8.9 7.3 10.9



#18  
Methyl Acetate  
Concen: 48.151 ug/l  
RT: 2.945 min Scan# 499  
Delta R.T. -0.003 min  
Lab File: VU049607.D  
Acq: 05 Jul 2022 10:09

Tgt Ion: 43 Resp: 235806  
Ion Ratio Lower Upper  
43 100  
74 24.1 22.5 33.7

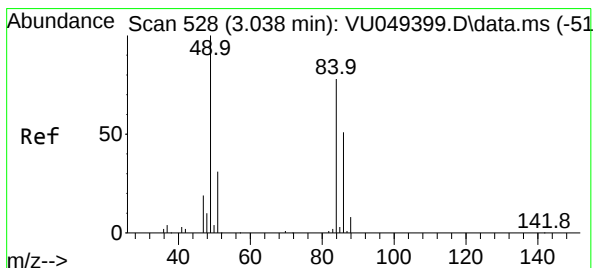
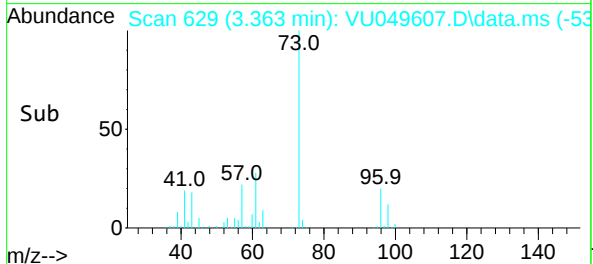
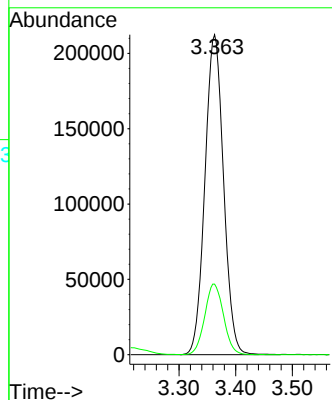
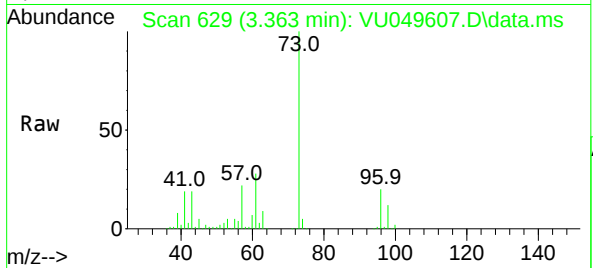




#19  
Methyl tert-butyl Ether  
Concen: 51.452 ug/l  
RT: 3.363 min Scan# 61  
Delta R.T. -0.003 min  
Lab File: VU049607.D  
Acq: 05 Jul 2022 10:09

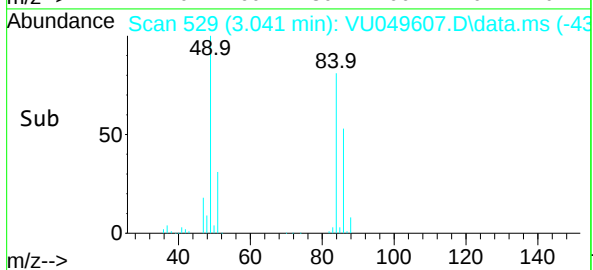
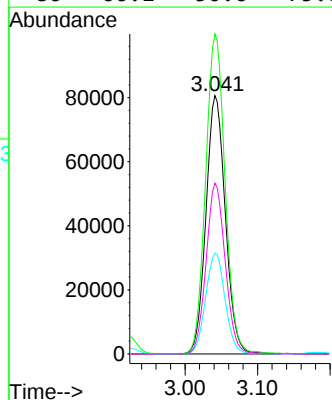
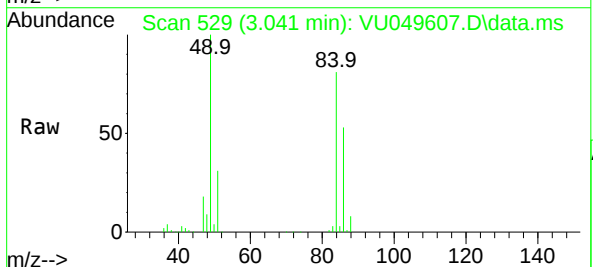
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

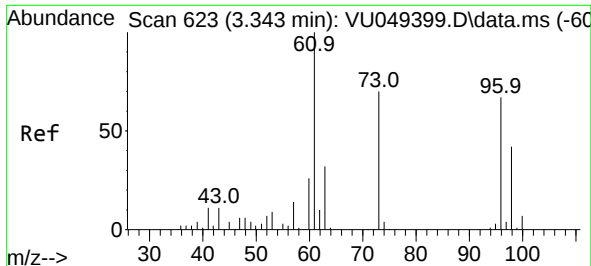
Tgt Ion: 73 Resp: 484138  
Ion Ratio Lower Upper  
73 100  
57 22.1 17.1 25.7



#20  
Methylene Chloride  
Concen: 49.744 ug/l  
RT: 3.041 min Scan# 529  
Delta R.T. 0.003 min  
Lab File: VU049607.D  
Acq: 05 Jul 2022 10:09

Tgt Ion: 84 Resp: 149814  
Ion Ratio Lower Upper  
84 100  
49 123.8 86.6 129.8  
51 39.0 26.6 40.0  
86 66.1 50.6 75.8

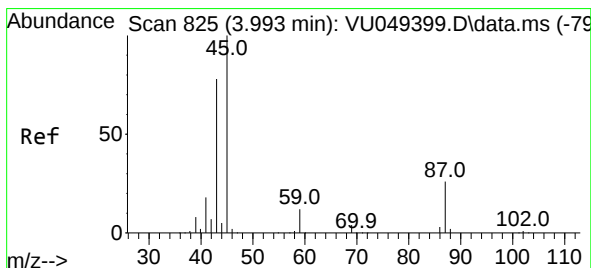
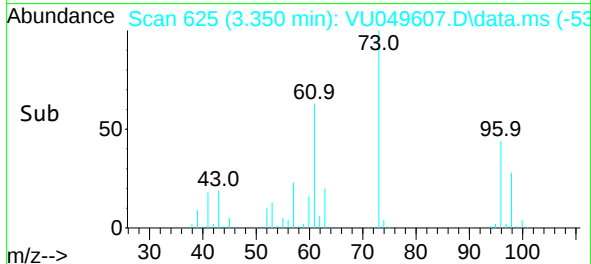
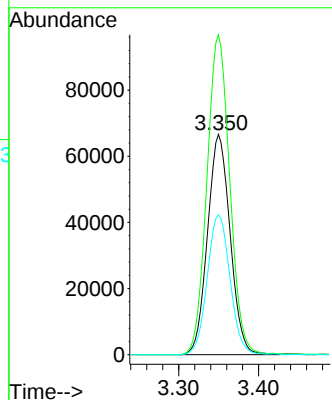
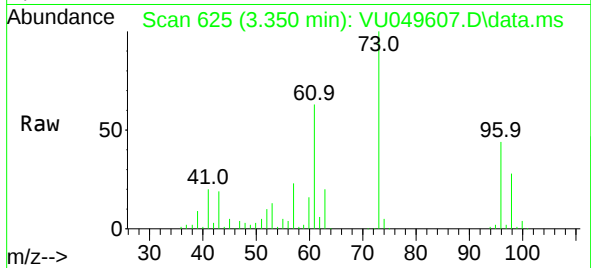




#21  
trans-1,2-Dichloroethene  
Concen: 48.064 ug/l  
RT: 3.350 min Scan# 61  
Delta R.T. 0.007 min  
Lab File: VU049607.D  
Acq: 05 Jul 2022 10:09

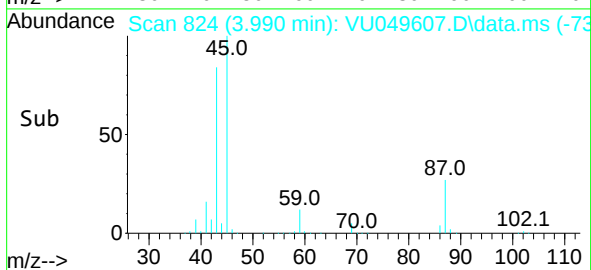
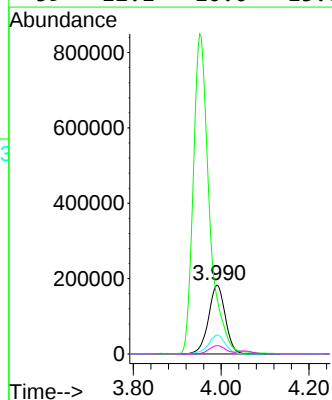
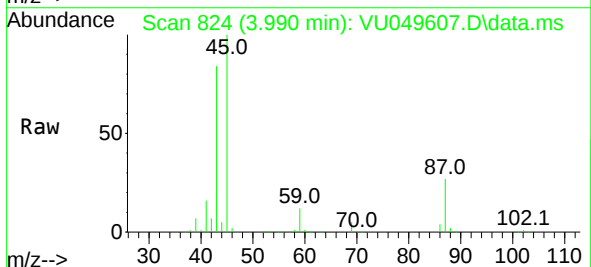
Instrument :  
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ClientSampleId :  
VSTDCCC050

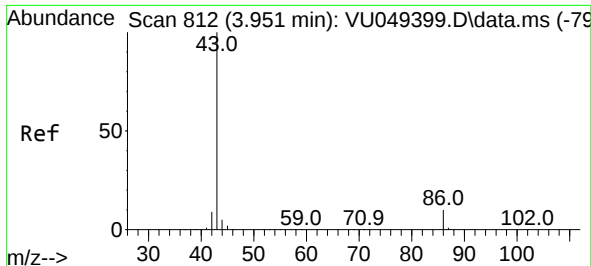
Tgt Ion: 96 Resp: 131084  
Ion Ratio Lower Upper  
96 100  
61 145.3 106.1 159.1  
98 63.5 50.8 76.2



#22  
Diisopropyl ether  
Concen: 49.772 ug/l  
RT: 3.990 min Scan# 824  
Delta R.T. -0.003 min  
Lab File: VU049607.D  
Acq: 05 Jul 2022 10:09

Tgt Ion: 45 Resp: 485887  
Ion Ratio Lower Upper  
45 100  
43 83.4 92.9 139.3#  
87 27.5 26.2 39.2  
59 12.1 10.0 15.0

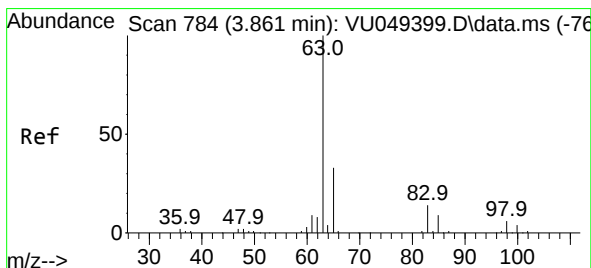
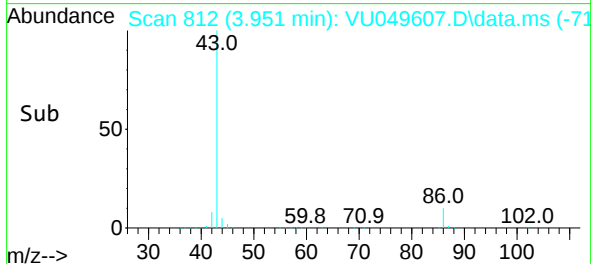
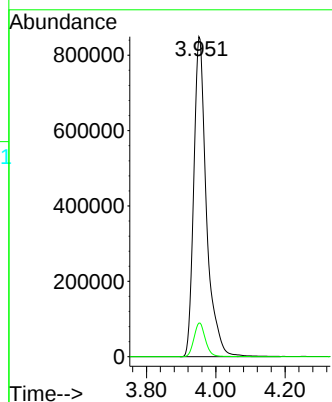
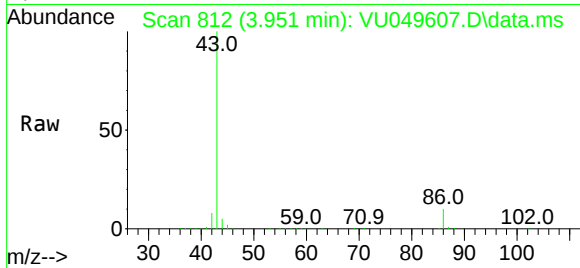




#23  
 Vinyl Acetate  
 Concen: 252.957 ug/l  
 RT: 3.951 min Scan# 812  
 Delta R.T. 0.000 min  
 Lab File: VU049607.D  
 Acq: 05 Jul 2022 10:09

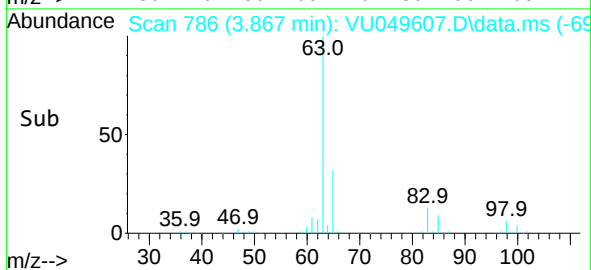
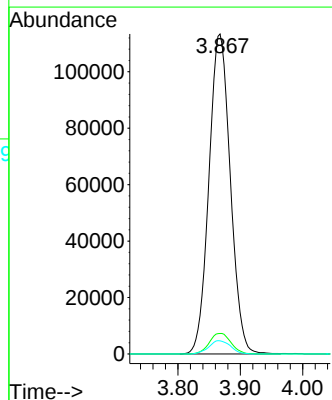
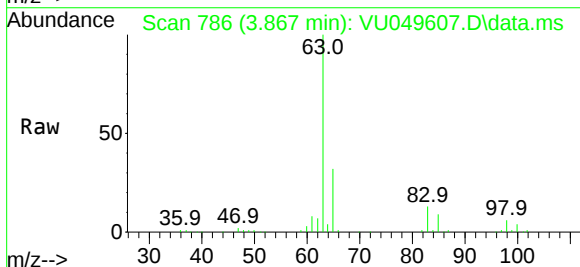
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 ClientSampleId :  
 VSTDCCC050

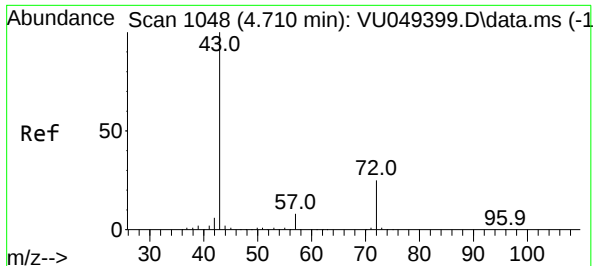
Tgt Ion: 43 Resp: 2164450  
 Ion Ratio Lower Upper  
 43 100  
 86 10.5 9.8 14.8



#24  
 1,1-Dichloroethane  
 Concen: 48.202 ug/l  
 RT: 3.867 min Scan# 786  
 Delta R.T. 0.007 min  
 Lab File: VU049607.D  
 Acq: 05 Jul 2022 10:09

Tgt Ion: 63 Resp: 270298  
 Ion Ratio Lower Upper  
 63 100  
 98 6.4 3.6 10.9  
 100 4.1 2.4 7.2

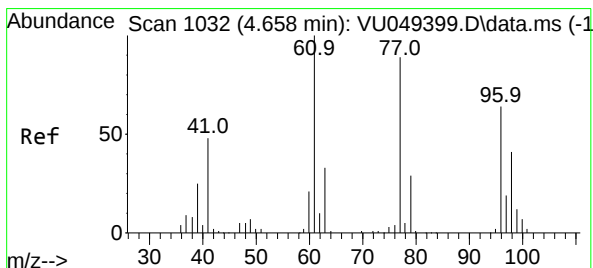
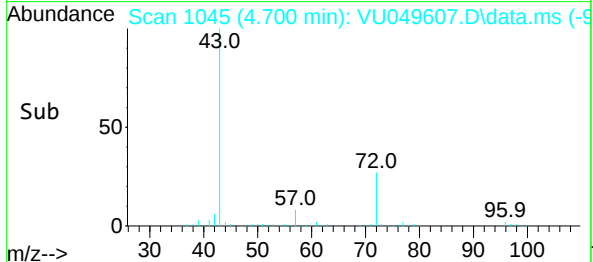
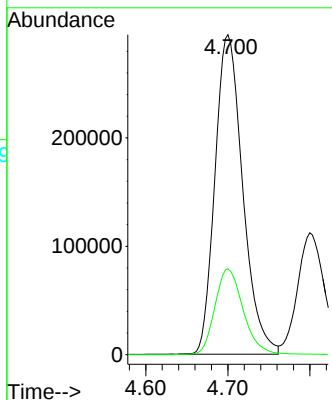
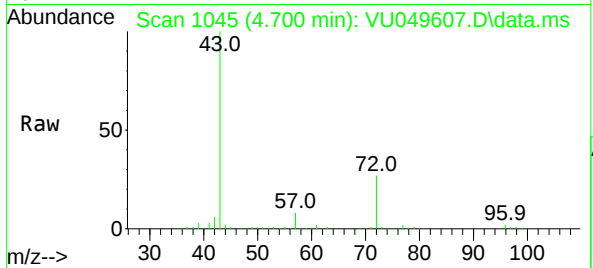




#25  
2-Butanone  
Concen: 255.666 ug/l  
RT: 4.700 min Scan# 1048  
Delta R.T. -0.009 min  
Lab File: VU049607.D  
Acq: 05 Jul 2022 10:09

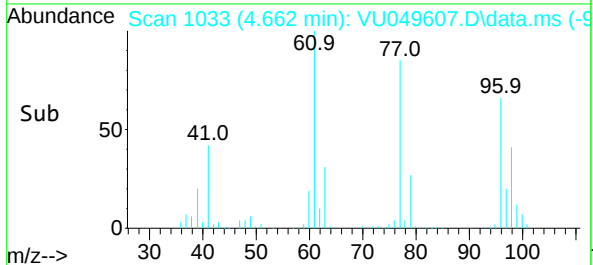
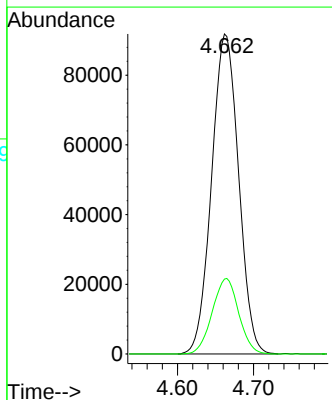
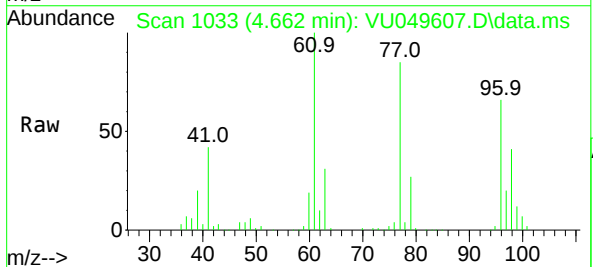
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

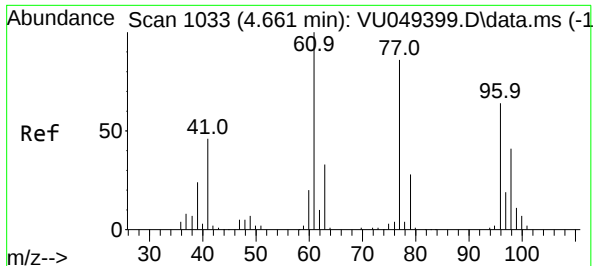
Tgt Ion: 43 Resp: 693149  
Ion Ratio Lower Upper  
43 100  
72 26.8 23.8 35.6



#26  
2,2-Dichloropropane  
Concen: 48.492 ug/l  
RT: 4.662 min Scan# 1033  
Delta R.T. 0.003 min  
Lab File: VU049607.D  
Acq: 05 Jul 2022 10:09

Tgt Ion: 77 Resp: 226320  
Ion Ratio Lower Upper  
77 100  
97 23.1 11.6 34.8

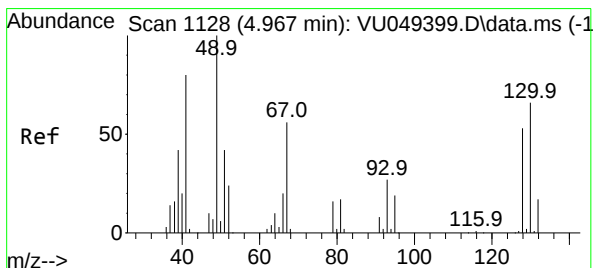
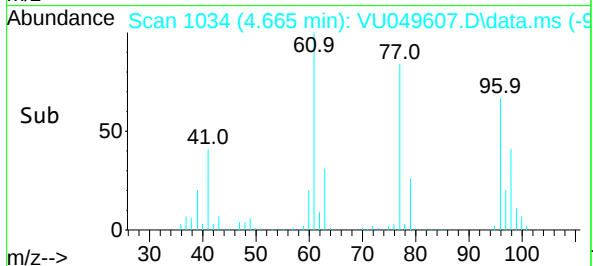
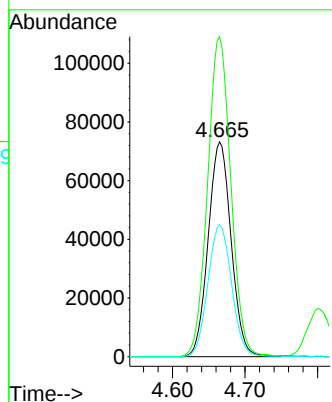
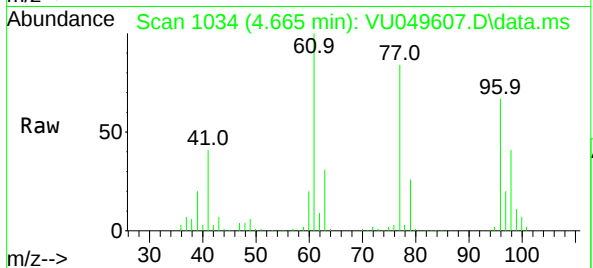




#27  
 cis-1,2-Dichloroethene  
 Concen: 51.050 ug/l  
 RT: 4.665 min Scan# 1033  
 Delta R.T. 0.003 min  
 Lab File: VU049607.D  
 Acq: 05 Jul 2022 10:09

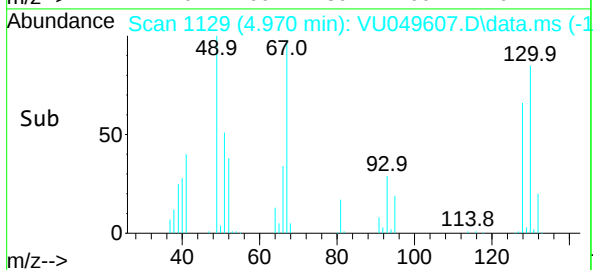
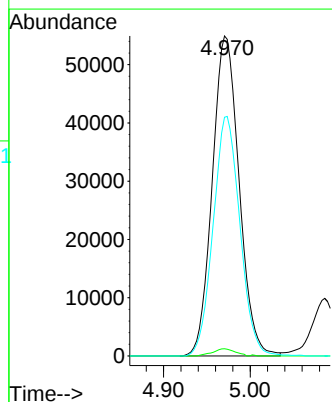
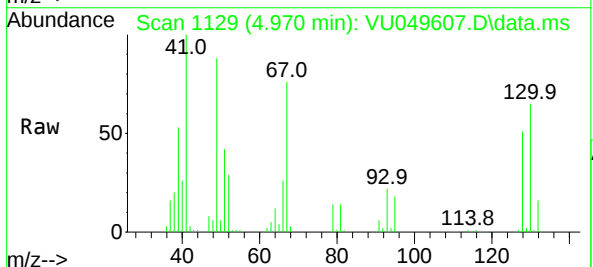
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC050

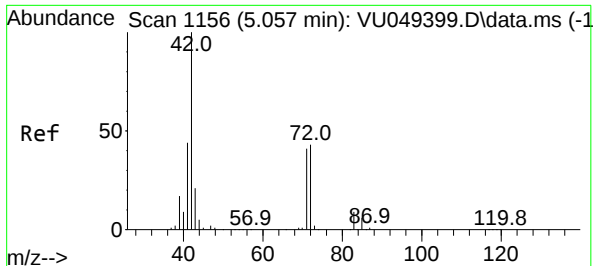
Tgt Ion: 96 Resp: 160864  
 Ion Ratio Lower Upper  
 96 100  
 61 151.1 0.0 271.6  
 98 63.5 0.0 128.2



#28  
 Bromochloromethane  
 Concen: 48.246 ug/l  
 RT: 4.970 min Scan# 1129  
 Delta R.T. 0.003 min  
 Lab File: VU049607.D  
 Acq: 05 Jul 2022 10:09

Tgt Ion: 49 Resp: 118256  
 Ion Ratio Lower Upper  
 49 100  
 129 1.9 0.0 4.6  
 130 74.8 76.9 115.3#





#29

Tetrahydrofuran

Concen: 244.684 ug/l

RT: 5.047 min Scan# 1153

Delta R.T. -0.009 min

Lab File: VU049607.D

Acq: 05 Jul 2022 10:09

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC050

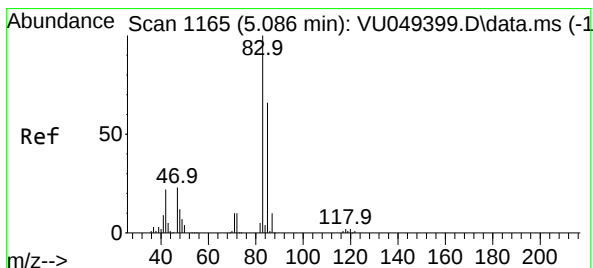
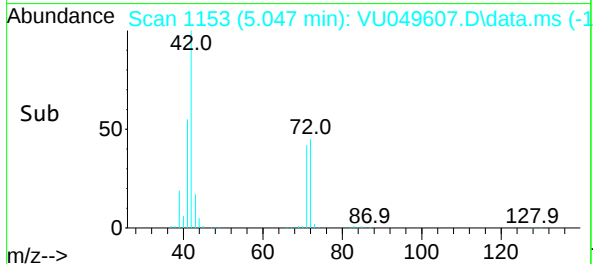
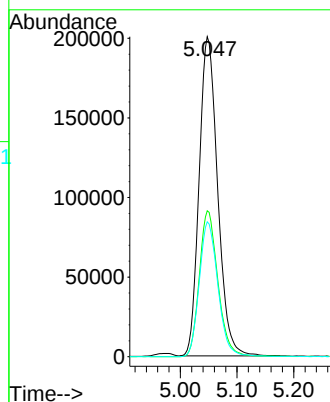
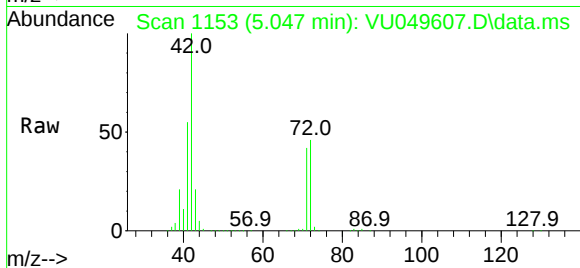
Tgt Ion: 42 Resp: 455082

Ion Ratio Lower Upper

42 100

72 46.0 42.6 63.8

71 42.6 40.3 60.5



#30

Chloroform

Concen: 48.029 ug/l

RT: 5.086 min Scan# 1165

Delta R.T. 0.000 min

Lab File: VU049607.D

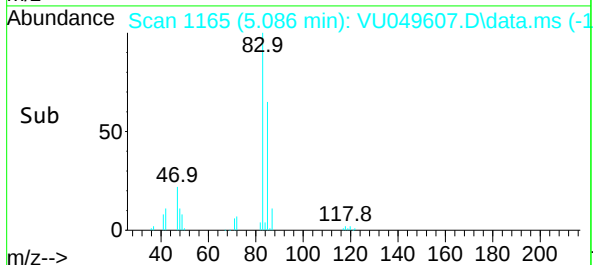
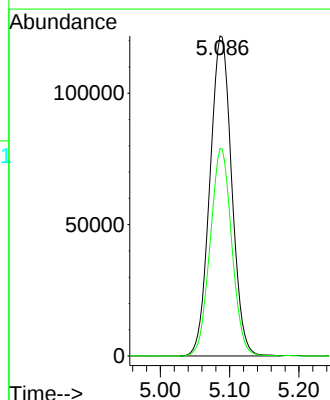
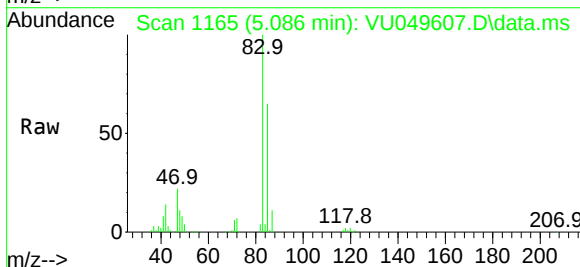
Acq: 05 Jul 2022 10:09

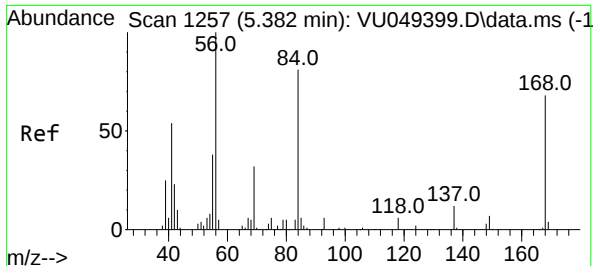
Tgt Ion: 83 Resp: 266420

Ion Ratio Lower Upper

83 100

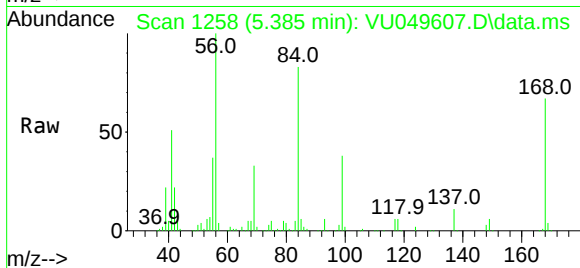
85 64.9 51.2 76.8





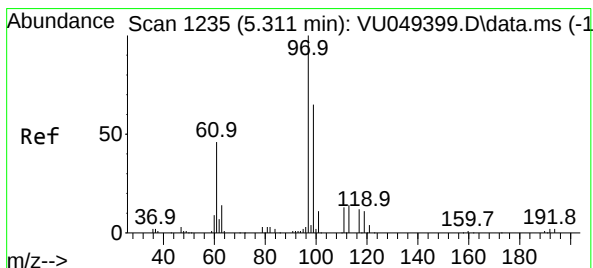
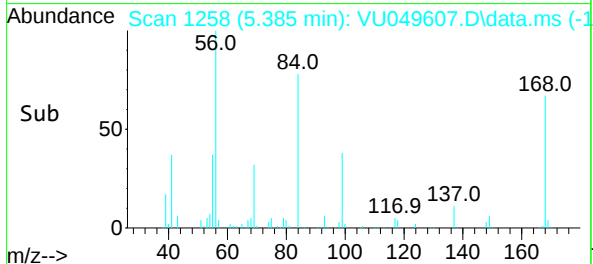
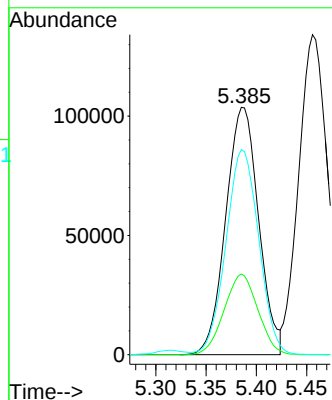
#31  
Cyclohexane  
Concen: 43.849 ug/l  
RT: 5.385 min Scan# 1257  
Delta R.T. 0.003 min  
Lab File: VU049607.D  
Acq: 05 Jul 2022 10:09

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050



Tgt Ion: 56 Resp: 236191

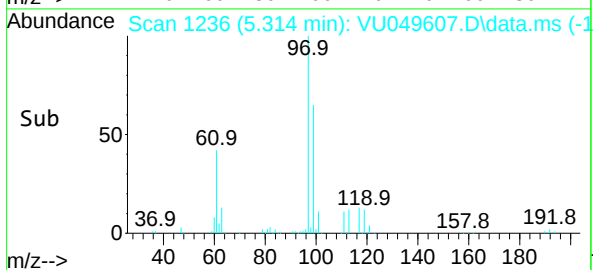
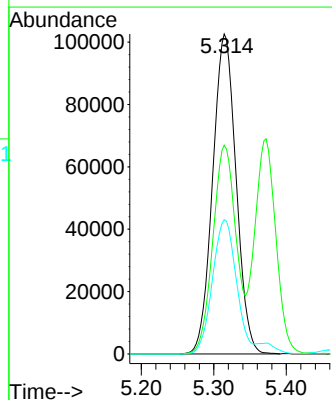
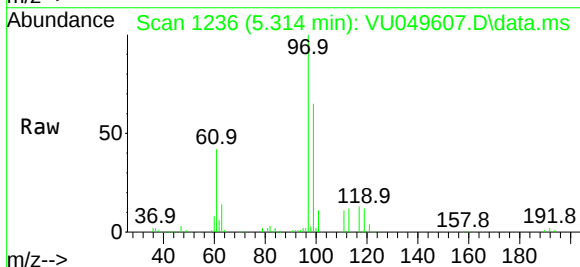
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 56  | 100   |       |       |
| 69  | 32.6  | 27.8  | 41.8  |
| 84  | 81.6  | 74.2  | 111.4 |



#32  
1,1,1-Trichloroethane  
Concen: 47.826 ug/l  
RT: 5.314 min Scan# 1236  
Delta R.T. 0.003 min  
Lab File: VU049607.D  
Acq: 05 Jul 2022 10:09

Tgt Ion: 97 Resp: 230184

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 99  | 64.7  | 51.8  | 77.6  |
| 61  | 42.9  | 35.1  | 52.7  |





#33

1,2-Dichloroethane-d4

Concen: 45.437 ug/l

RT: 5.700 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU049607.D

Acq: 05 Jul 2022 10:09

Instrument :

MSVOA\_U

ClientSampleId :

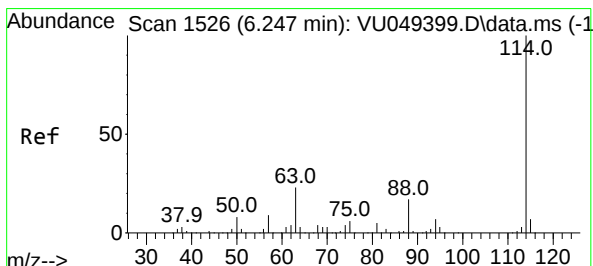
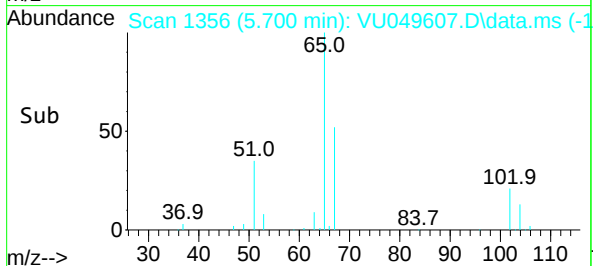
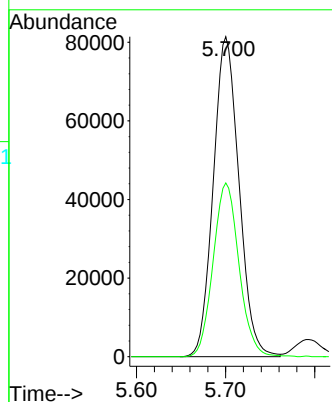
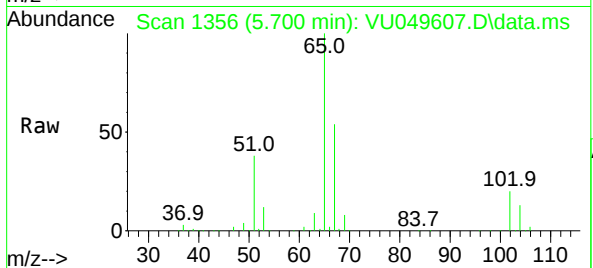
VSTDCCC050

Tgt Ion: 65 Resp: 162996

Ion Ratio Lower Upper

65 100

67 54.7 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: VU049607.D

Acq: 05 Jul 2022 10:09

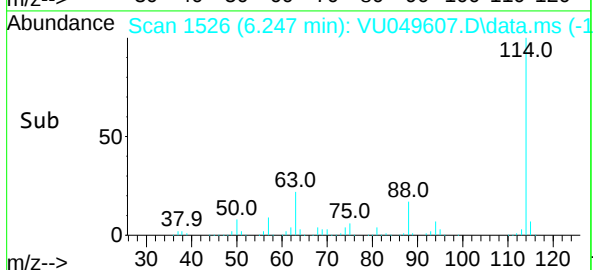
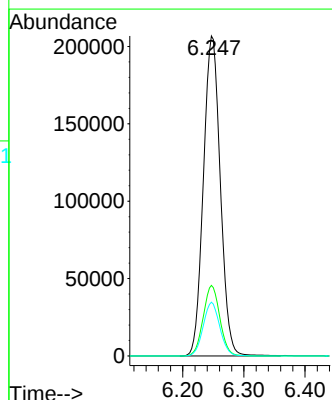
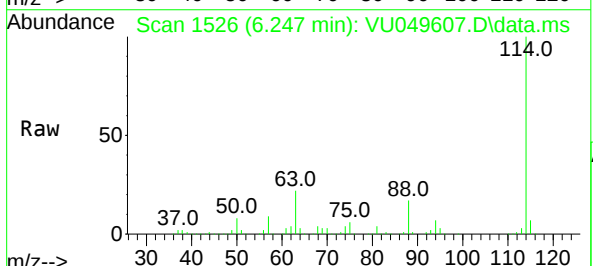
Tgt Ion: 114 Resp: 397289

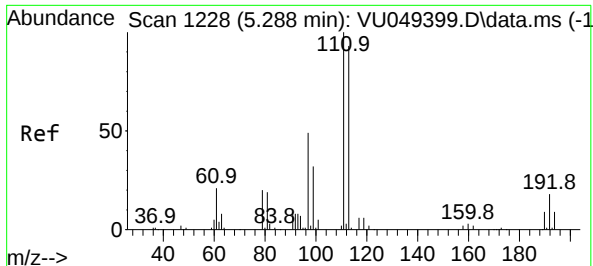
Ion Ratio Lower Upper

114 100

63 22.1 0.0 37.8

88 16.8 0.0 29.2





#35

Dibromofluoromethane

Concen: 48.510 ug/l

RT: 5.289 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU049607.D

Acq: 05 Jul 2022 10:09

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC050

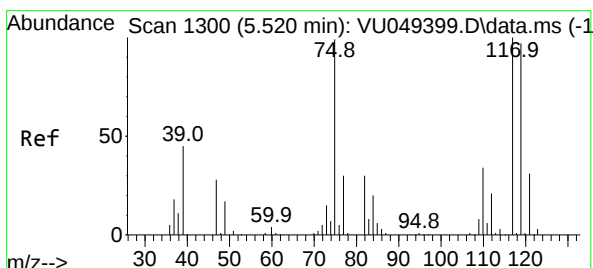
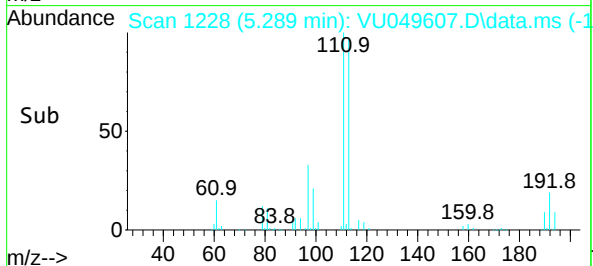
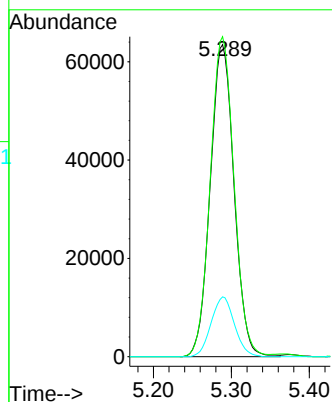
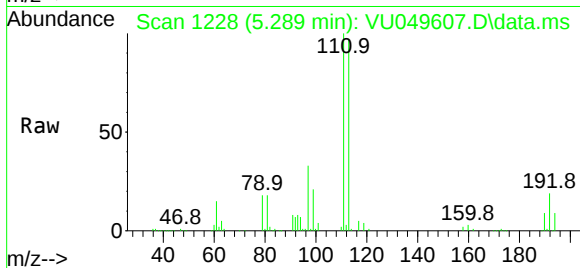
Tgt Ion:113 Resp: 134836

Ion Ratio Lower Upper

113 100

111 102.3 82.1 123.1

192 18.8 18.0 27.0



#36

1,1-Dichloropropene

Concen: 46.571 ug/l

RT: 5.523 min Scan# 1301

Delta R.T. 0.003 min

Lab File: VU049607.D

Acq: 05 Jul 2022 10:09

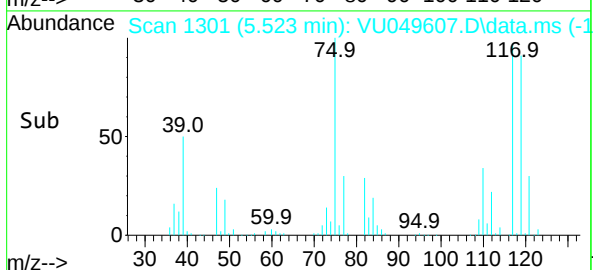
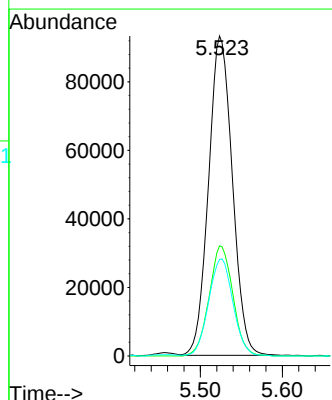
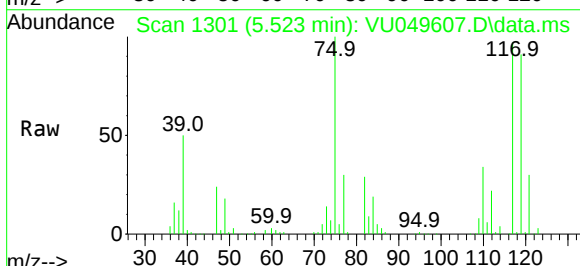
Tgt Ion: 75 Resp: 187694

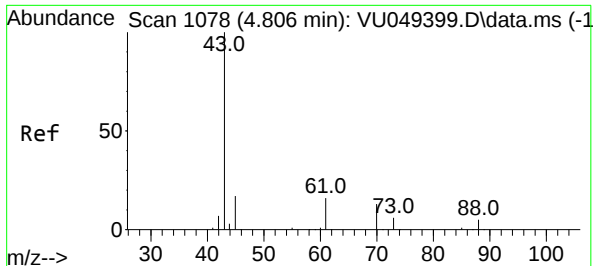
Ion Ratio Lower Upper

75 100

110 34.4 18.4 55.2

77 31.3 25.1 37.7





#37

Ethyl Acetate

Concen: 47.191 ug/l

RT: 4.800 min Scan# 1078

Delta R.T. -0.006 min

Lab File: VU049607.D

Acq: 05 Jul 2022 10:09

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC050

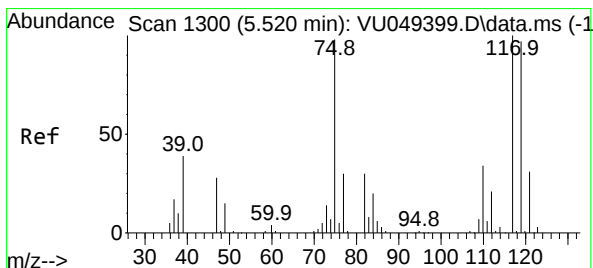
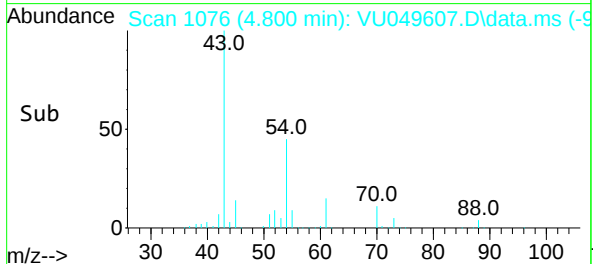
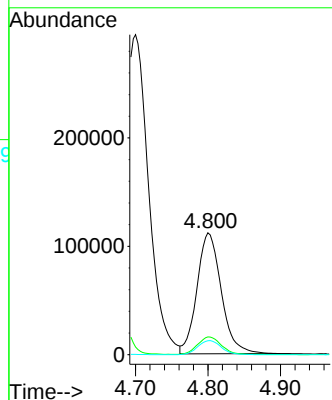
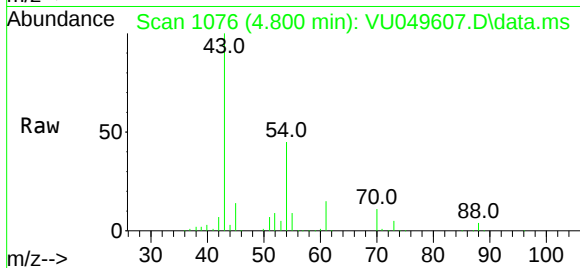
Tgt Ion: 43 Resp: 259894

Ion Ratio Lower Upper

43 100

61 14.3 9.5 14.3#

70 11.2 7.5 11.3



#38

Carbon Tetrachloride

Concen: 46.324 ug/l

RT: 5.523 min Scan# 1301

Delta R.T. 0.003 min

Lab File: VU049607.D

Acq: 05 Jul 2022 10:09

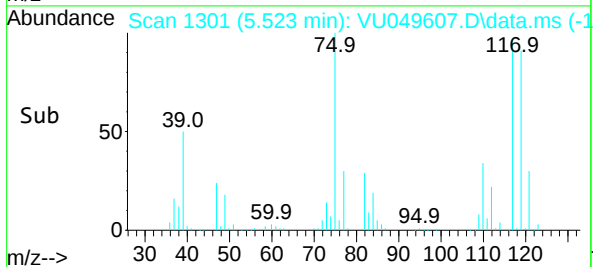
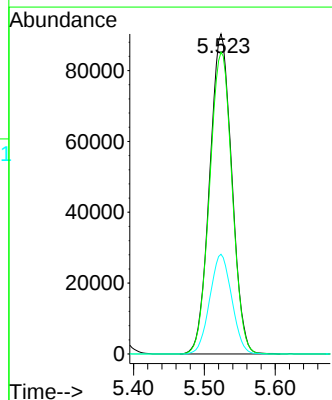
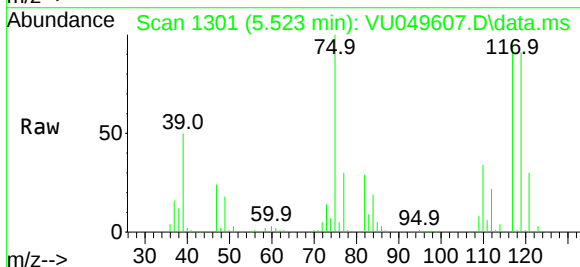
Tgt Ion: 117 Resp: 195801

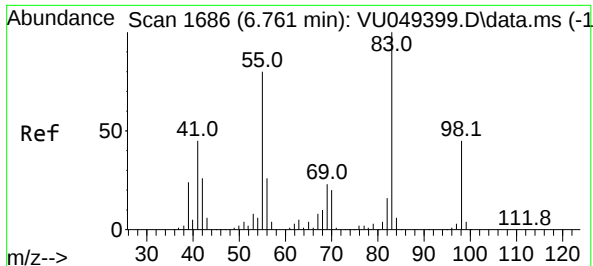
Ion Ratio Lower Upper

117 100

119 94.3 76.8 115.2

121 31.1 24.7 37.1





#39

Methylcyclohexane

Concen: 47.401 ug/l

RT: 6.761 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU049607.D

Acq: 05 Jul 2022 10:09

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC050

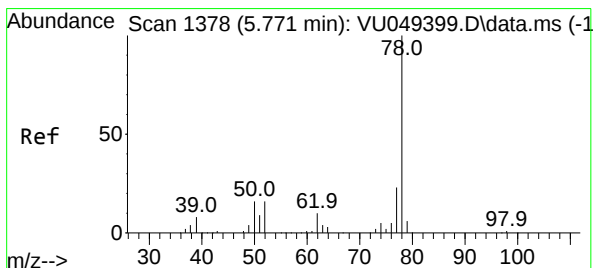
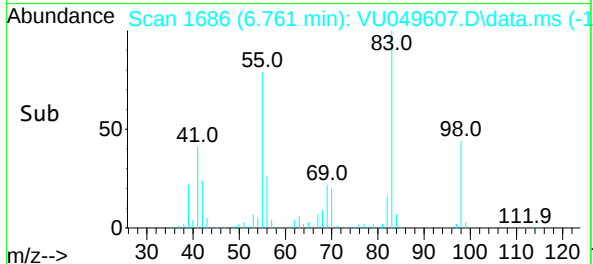
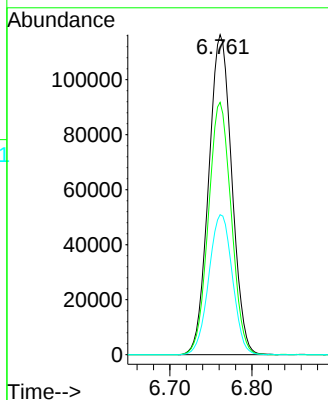
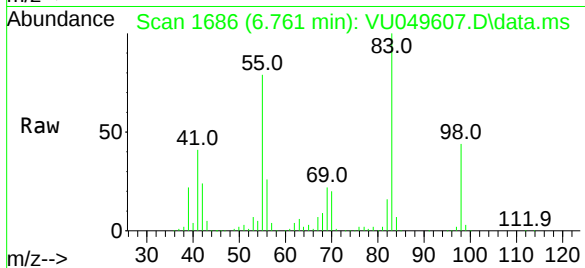
Tgt Ion: 83 Resp: 228987

Ion Ratio Lower Upper

83 100

55 78.9 55.3 82.9

98 43.7 37.3 55.9



#40

Benzene

Concen: 48.274 ug/l

RT: 5.771 min Scan# 1378

Delta R.T. 0.000 min

Lab File: VU049607.D

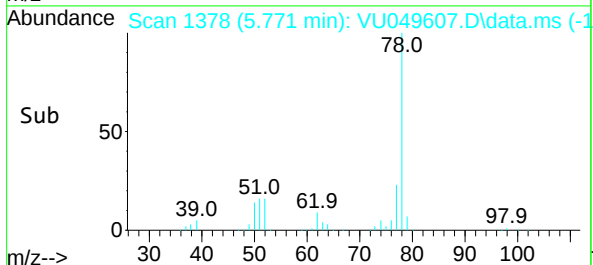
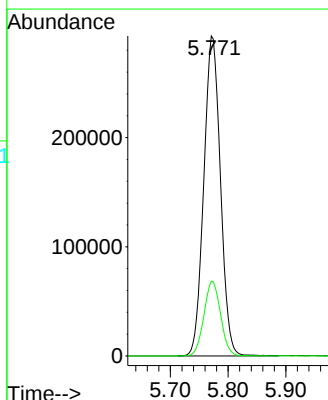
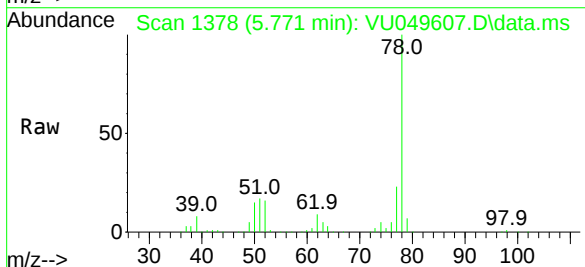
Acq: 05 Jul 2022 10:09

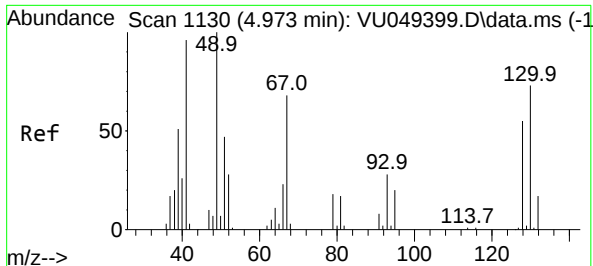
Tgt Ion: 78 Resp: 587393

Ion Ratio Lower Upper

78 100

77 23.4 18.8 28.2



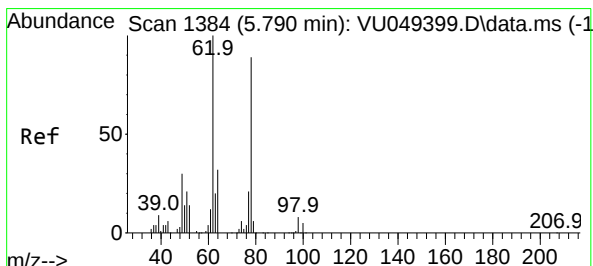
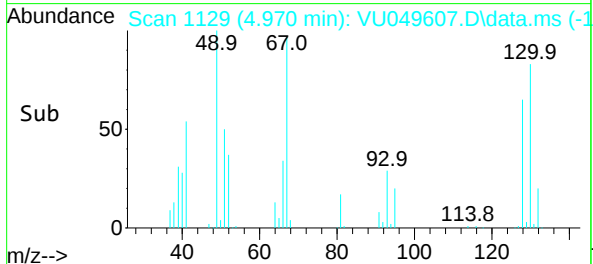
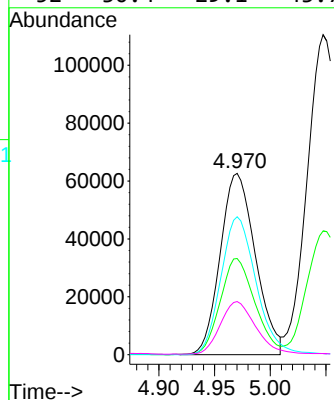
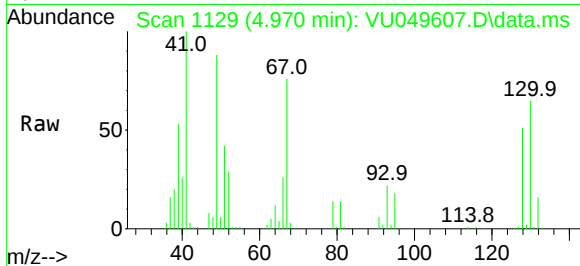


#41  
Methacrylonitrile  
Concen: 49.934 ug/l  
RT: 4.970 min Scan# 1130  
Delta R.T. -0.003 min  
Lab File: VU049607.D  
Acq: 05 Jul 2022 10:09

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 41 Resp: 137796

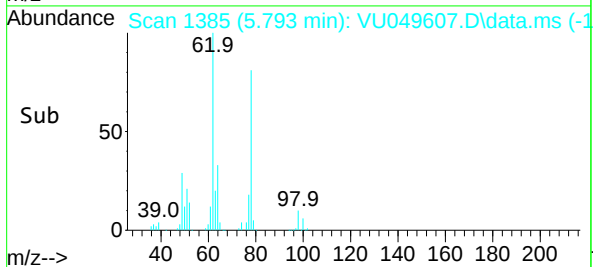
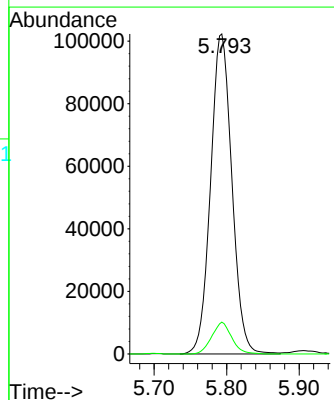
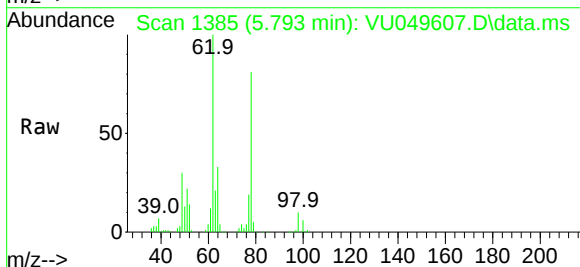
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 52.3  | 43.1  | 64.7  |
| 67  | 76.5  | 72.3  | 108.5 |
| 52  | 30.4  | 29.1  | 43.7  |

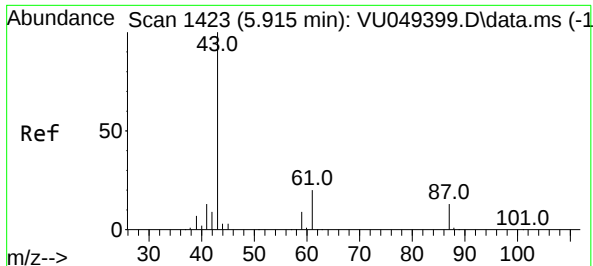


#42  
1,2-Dichloroethane  
Concen: 46.073 ug/l  
RT: 5.793 min Scan# 1385  
Delta R.T. 0.003 min  
Lab File: VU049607.D  
Acq: 05 Jul 2022 10:09

Tgt Ion: 62 Resp: 208651

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 9.3   | 0.0   | 18.6  |

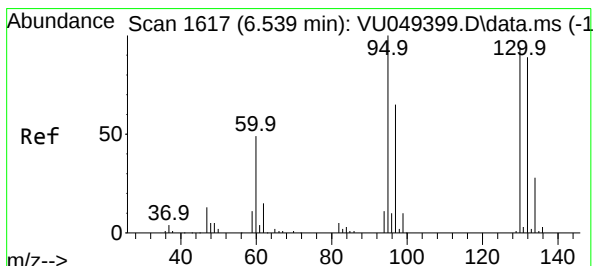
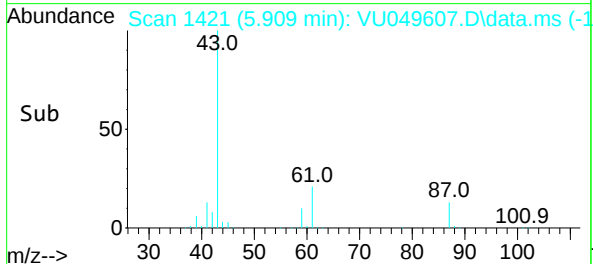
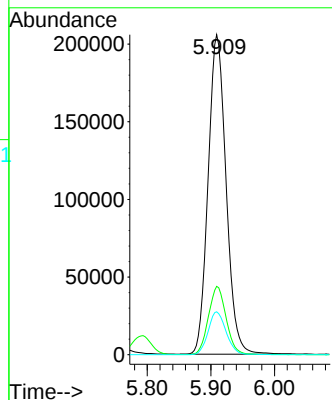
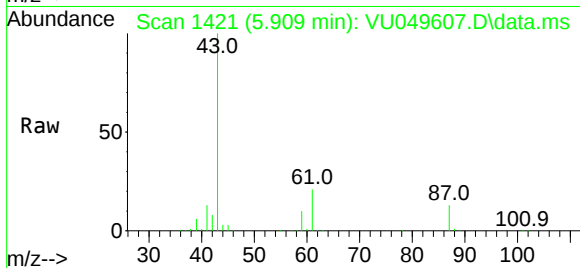




#43  
Isopropyl Acetate  
Concen: 50.081 ug/l  
RT: 5.909 min Scan# 1423  
Delta R.T. -0.006 min  
Lab File: VU049607.D  
Acq: 05 Jul 2022 10:09

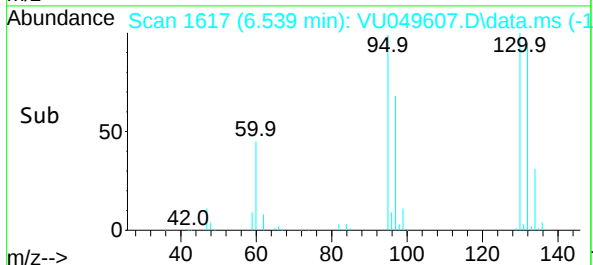
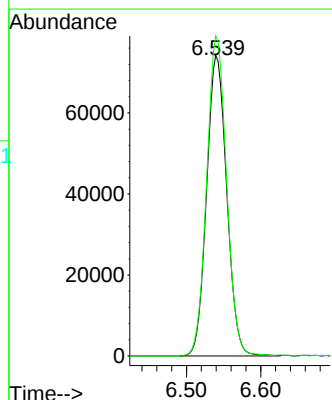
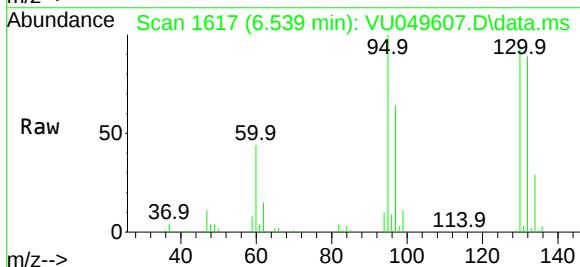
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 43 Resp: 404137  
Ion Ratio Lower Upper  
43 100  
61 20.9 17.4 26.0  
87 13.4 12.6 18.8



#44  
Trichloroethene  
Concen: 48.172 ug/l  
RT: 6.539 min Scan# 1617  
Delta R.T. 0.000 min  
Lab File: VU049607.D  
Acq: 05 Jul 2022 10:09

Tgt Ion:130 Resp: 139342  
Ion Ratio Lower Upper  
130 100  
95 106.4 0.0 184.6





#45

1,2-Dichloropropane

Concen: 48.420 ug/l

RT: 6.790 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU049607.D

Acq: 05 Jul 2022 10:09

Instrument :

MSVOA\_U

ClientSampleId :

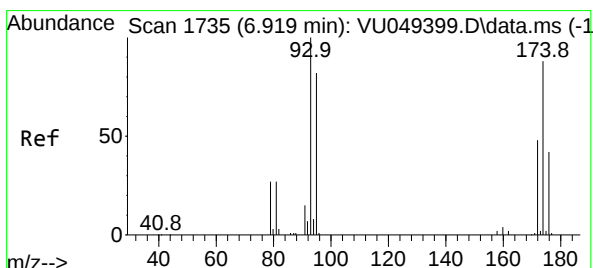
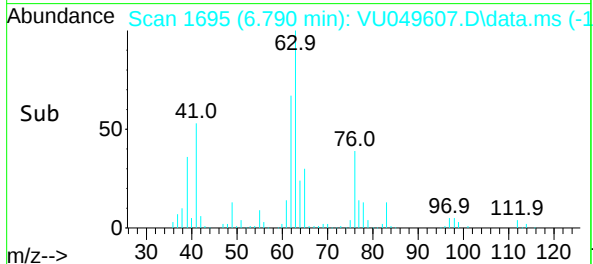
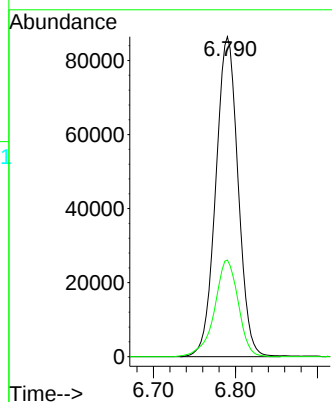
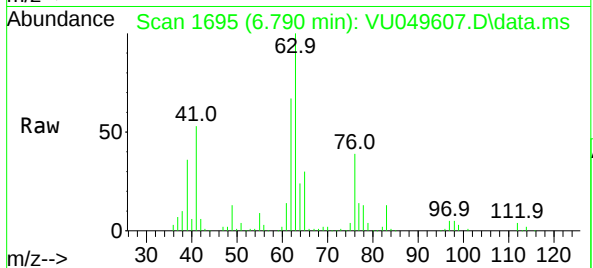
VSTDCCC050

Tgt Ion: 63 Resp: 163253

Ion Ratio Lower Upper

63 100

65 30.2 25.0 37.4



#46

Dibromomethane

Concen: 48.513 ug/l

RT: 6.916 min Scan# 1734

Delta R.T. -0.003 min

Lab File: VU049607.D

Acq: 05 Jul 2022 10:09

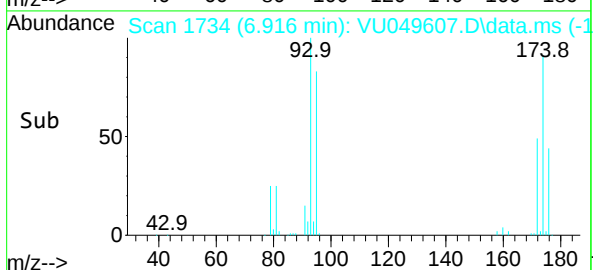
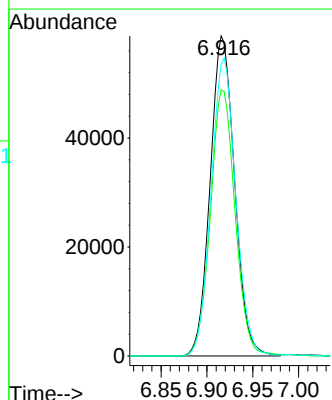
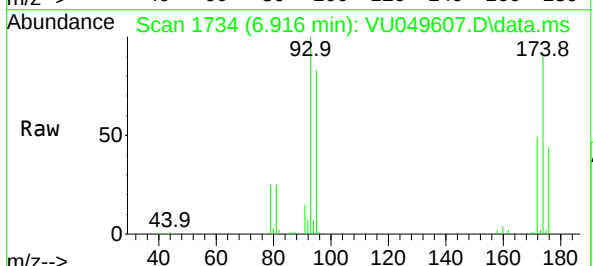
Tgt Ion: 93 Resp: 109053

Ion Ratio Lower Upper

93 100

95 84.0 66.3 99.5

174 94.0 88.2 132.4

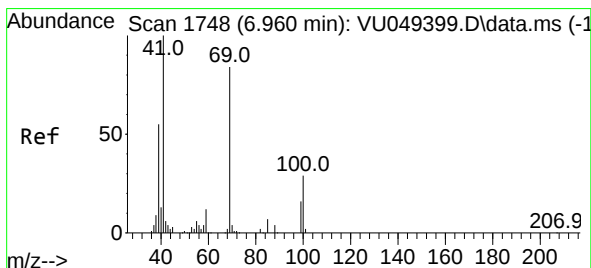
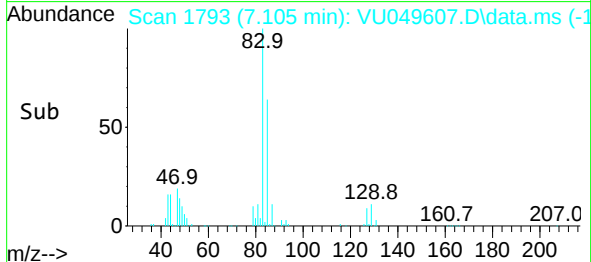
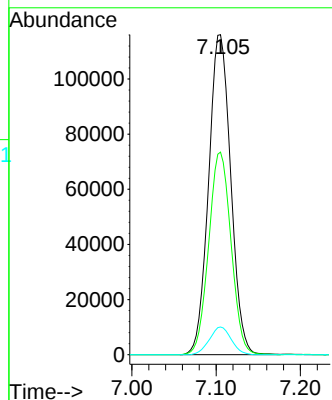
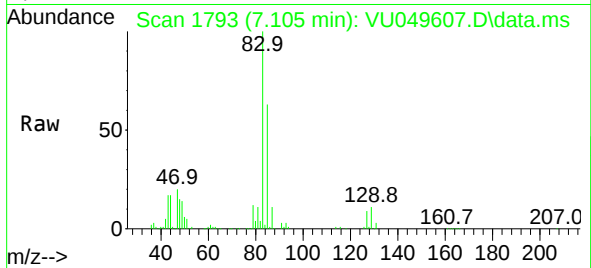




#47  
Bromodichloromethane  
Concen: 49.046 ug/l  
RT: 7.105 min Scan# 1793  
Delta R.T. 0.000 min  
Lab File: VU049607.D  
Acq: 05 Jul 2022 10:09

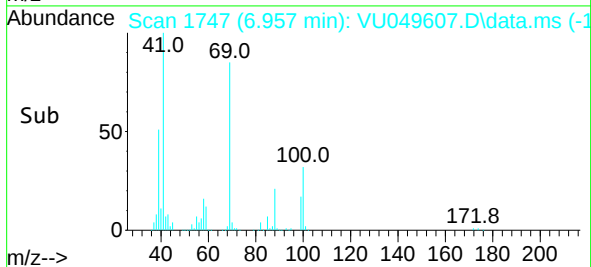
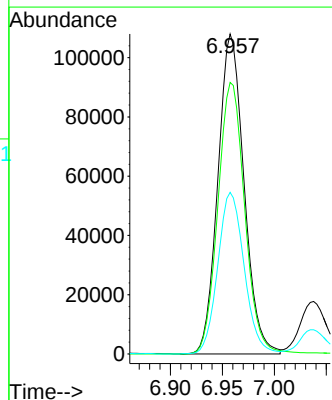
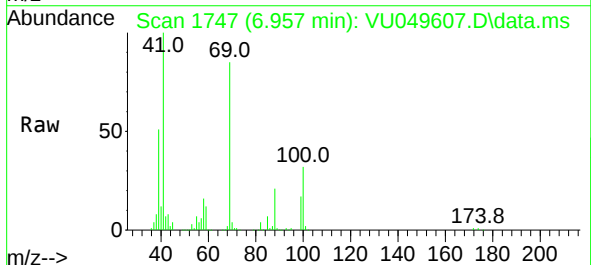
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

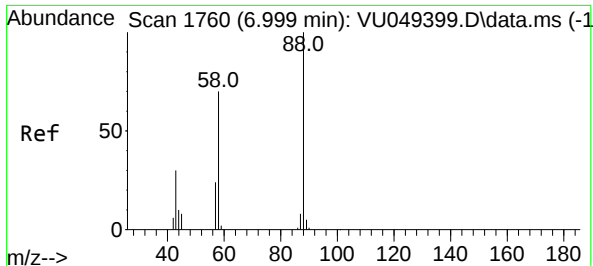
Tgt Ion: 83 Resp: 212202  
Ion Ratio Lower Upper  
83 100  
85 63.3 51.4 77.2  
127 8.7 7.1 10.7



#48  
Methyl methacrylate  
Concen: 49.928 ug/l  
RT: 6.957 min Scan# 1747  
Delta R.T. -0.003 min  
Lab File: VU049607.D  
Acq: 05 Jul 2022 10:09

Tgt Ion: 41 Resp: 188815  
Ion Ratio Lower Upper  
41 100  
69 87.6 79.8 119.6  
39 51.1 47.9 71.9





#49

1,4-Dioxane

Concen: 1083.963 ug/l

RT: 6.973 min Scan# 1

Delta R.T. -0.026 min

Lab File: VU049607.D

Acq: 05 Jul 2022 10:09

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC050

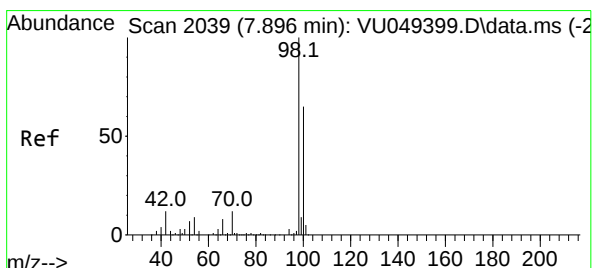
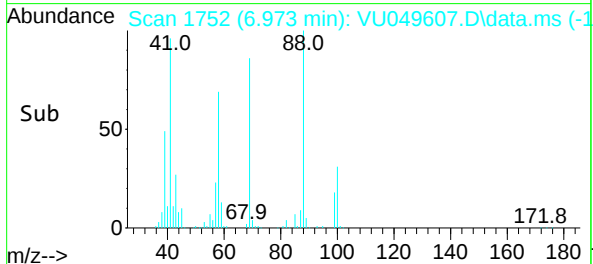
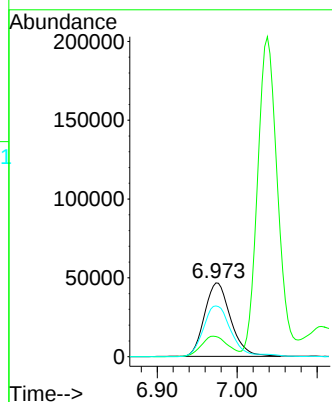
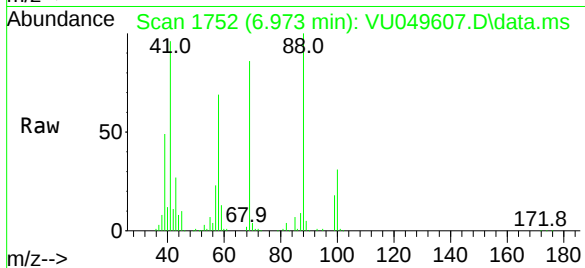
Tgt Ion: 88 Resp: 105022

Ion Ratio Lower Upper

88 100

43 28.8 0.0 0.0#

58 75.0 15.4 23.0#



#50

Toluene-d8

Concen: 48.165 ug/l

RT: 7.896 min Scan# 2039

Delta R.T. 0.000 min

Lab File: VU049607.D

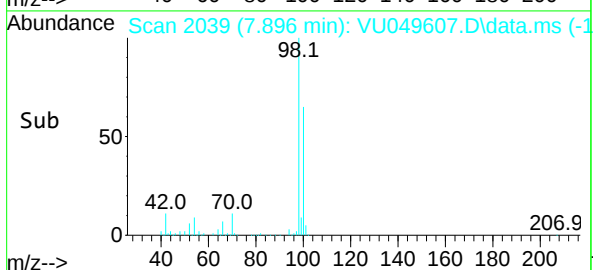
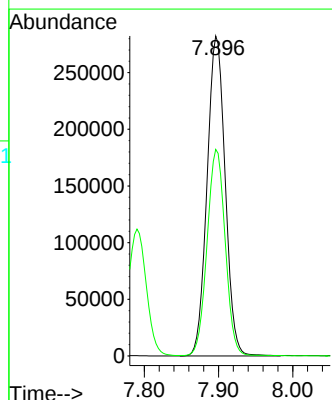
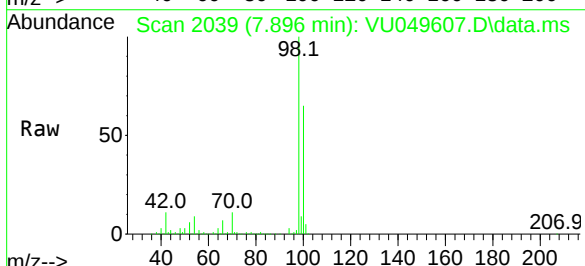
Acq: 05 Jul 2022 10:09

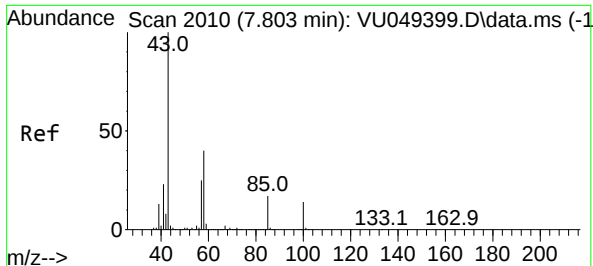
Tgt Ion: 98 Resp: 477506

Ion Ratio Lower Upper

98 100

100 64.5 51.7 77.5





#51

4-Methyl-2-Pentanone

Concen: 239.978 ug/l

RT: 7.790 min Scan# 2010

Delta R.T. -0.013 min

Lab File: VU049607.D

Acq: 05 Jul 2022 10:09

Instrument :

MSVOA\_U

ClientSampleId :

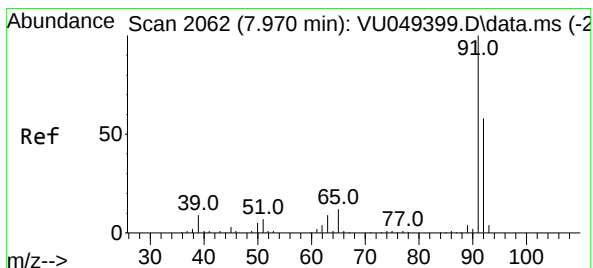
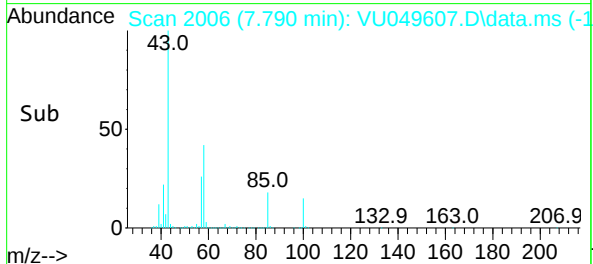
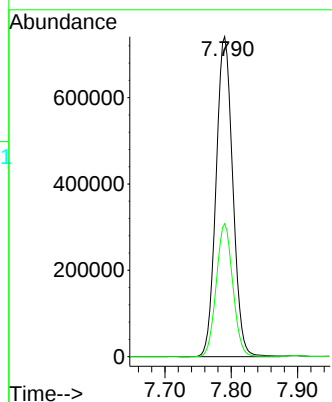
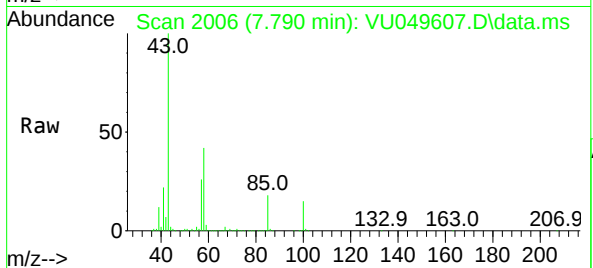
VSTDCCC050

Tgt Ion: 43 Resp: 1296037

Ion Ratio Lower Upper

43 100

58 41.1 34.7 52.1



#52

Toluene

Concen: 49.277 ug/l

RT: 7.967 min Scan# 2061

Delta R.T. -0.003 min

Lab File: VU049607.D

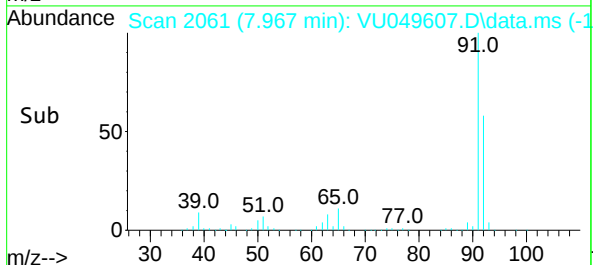
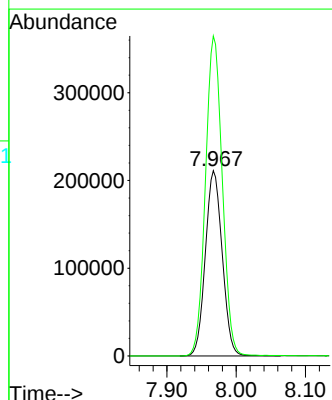
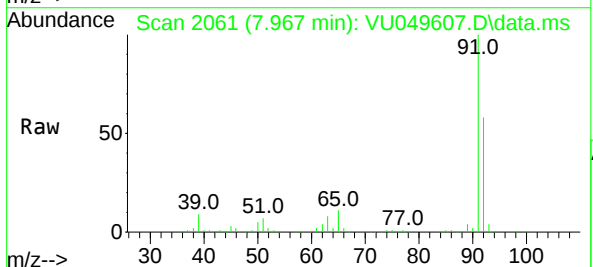
Acq: 05 Jul 2022 10:09

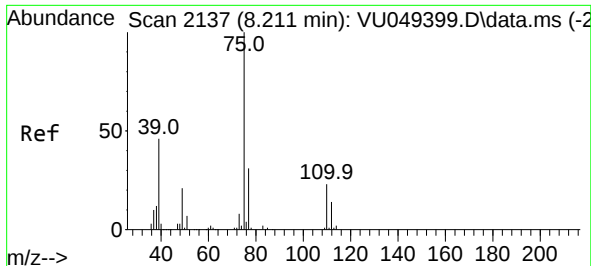
Tgt Ion: 92 Resp: 356383

Ion Ratio Lower Upper

92 100

91 172.3 138.2 207.4





#53

t-1,3-Dichloropropene

Concen: 51.180 ug/l

RT: 8.208 min Scan# 2137

Delta R.T. -0.003 min

Lab File: VU049607.D

Acq: 05 Jul 2022 10:09

Instrument :

MSVOA\_U

ClientSampleId :

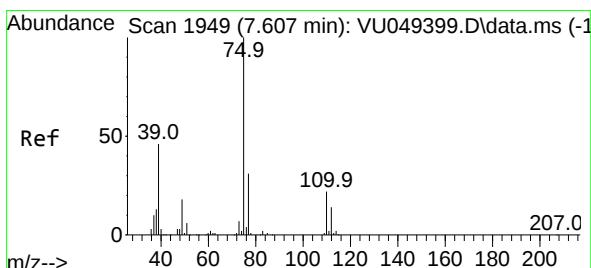
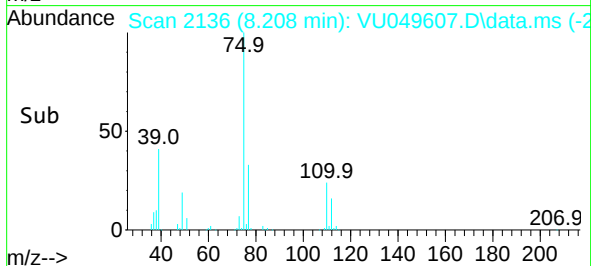
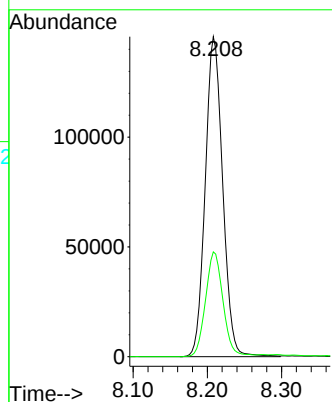
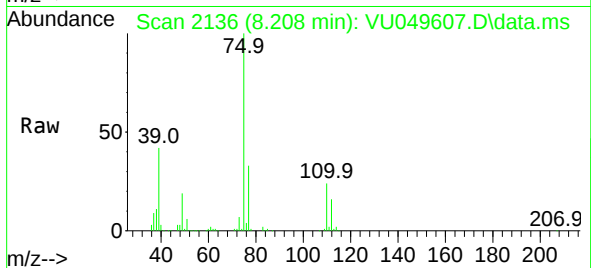
VSTDCCC050

Tgt Ion: 75 Resp: 237529

Ion Ratio Lower Upper

75 100

77 32.8 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 51.317 ug/l

RT: 7.607 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VU049607.D

Acq: 05 Jul 2022 10:09

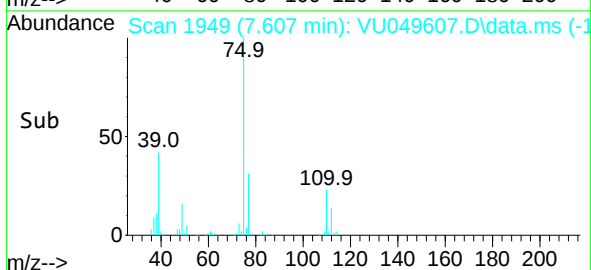
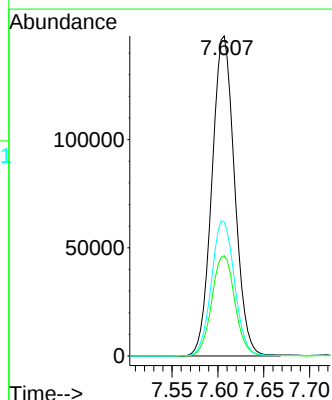
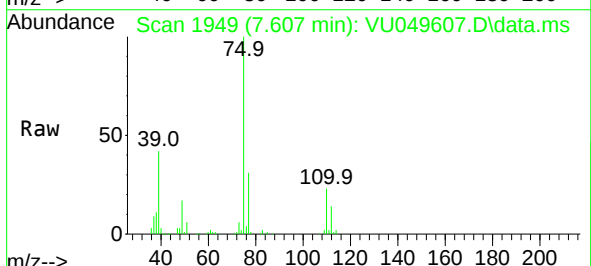
Tgt Ion: 75 Resp: 254296

Ion Ratio Lower Upper

75 100

77 31.4 25.7 38.5

39 41.8 33.0 49.6



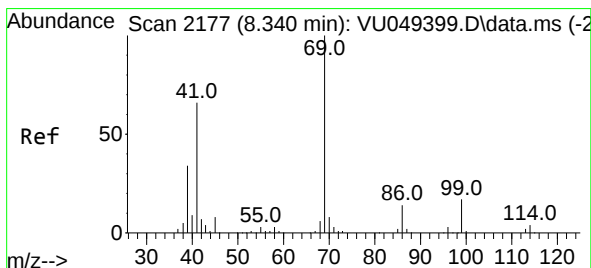
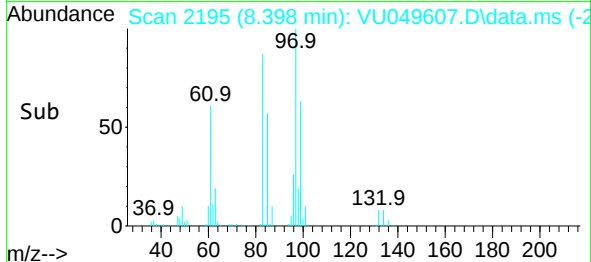
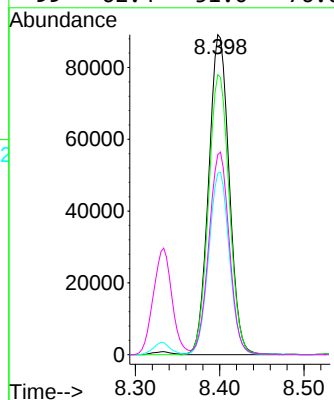
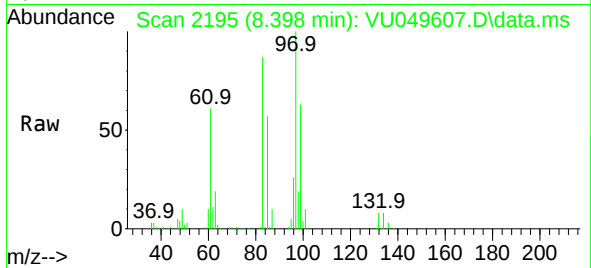


#55  
1,1,2-Trichloroethane  
Concen: 50.476 ug/l  
RT: 8.398 min Scan# 2195  
Delta R.T. -0.006 min  
Lab File: VU049607.D  
Acq: 05 Jul 2022 10:09

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 97 Resp: 150933

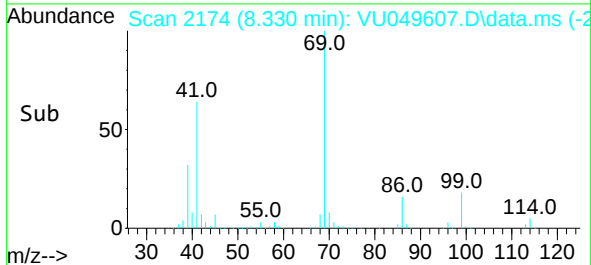
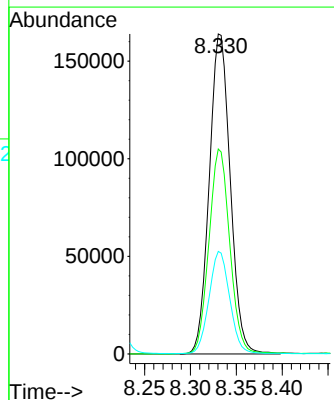
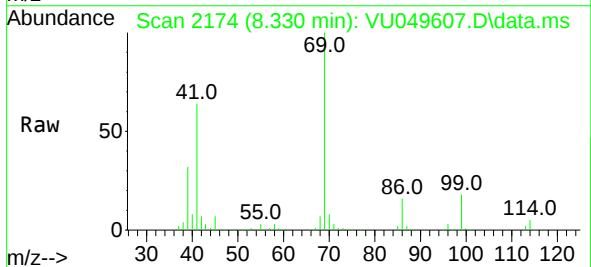
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 87.5  | 70.2  | 105.4 |
| 85  | 56.5  | 44.6  | 66.8  |
| 99  | 62.4  | 51.0  | 76.6  |

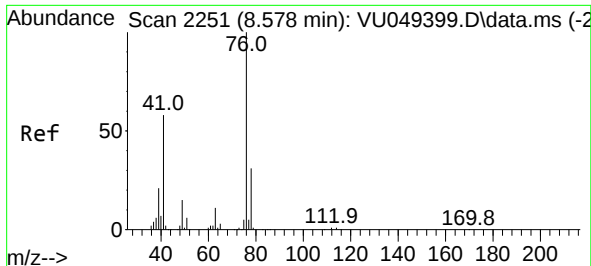


#56  
Ethyl methacrylate  
Concen: 52.160 ug/l  
RT: 8.330 min Scan# 2174  
Delta R.T. -0.009 min  
Lab File: VU049607.D  
Acq: 05 Jul 2022 10:09

Tgt Ion: 69 Resp: 260864

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 64.0  | 45.4  | 68.0  |
| 39  | 31.5  | 25.7  | 38.5  |





#57

1,3-Dichloropropane

Concen: 48.936 ug/l

RT: 8.575 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU049607.D

Acq: 05 Jul 2022 10:09

Instrument :

MSVOA\_U

ClientSampleId :

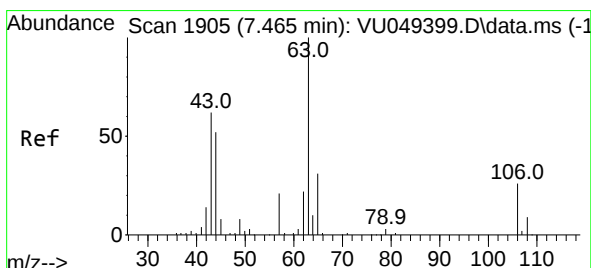
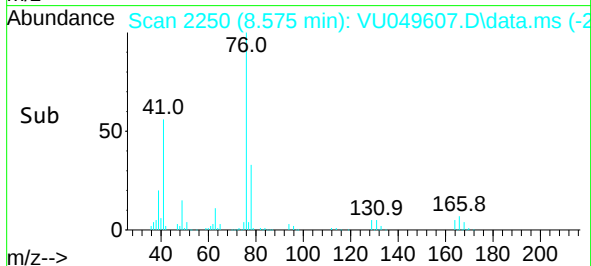
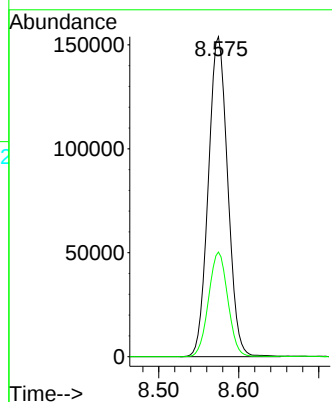
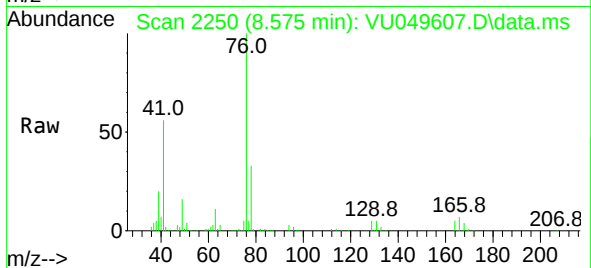
VSTDCCC050

Tgt Ion: 76 Resp: 259573

Ion Ratio Lower Upper

76 100

78 32.5 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 358.483 ug/l

RT: 7.462 min Scan# 1904

Delta R.T. -0.003 min

Lab File: VU049607.D

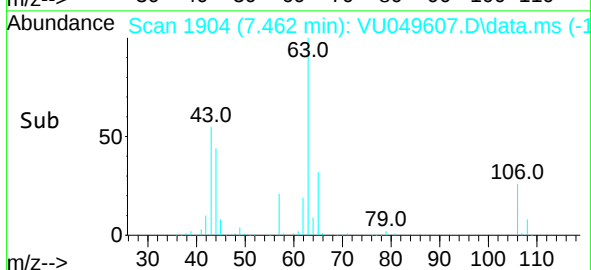
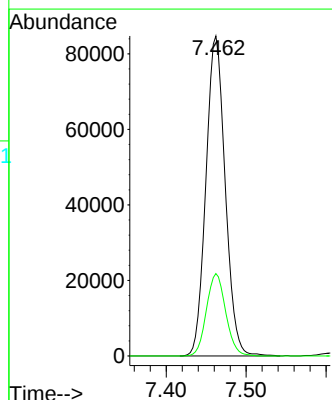
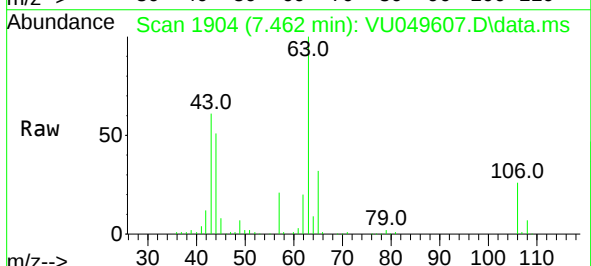
Acq: 05 Jul 2022 10:09

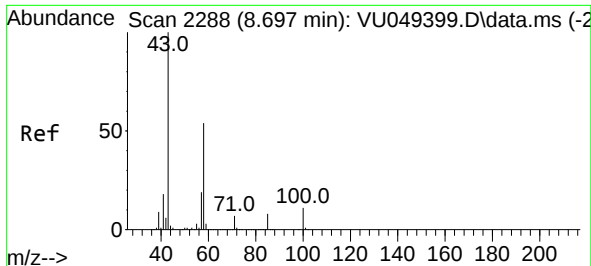
Tgt Ion: 63 Resp: 142157

Ion Ratio Lower Upper

63 100

106 25.7 23.1 34.7

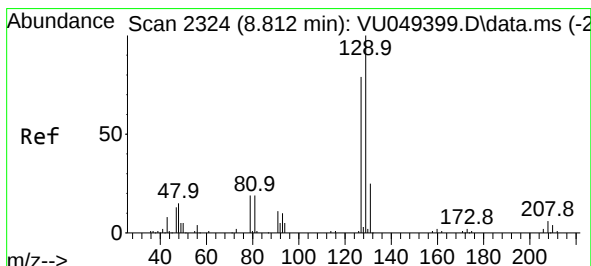
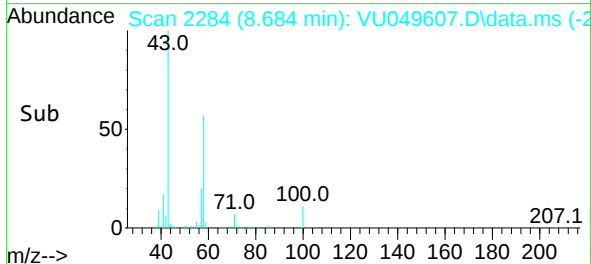
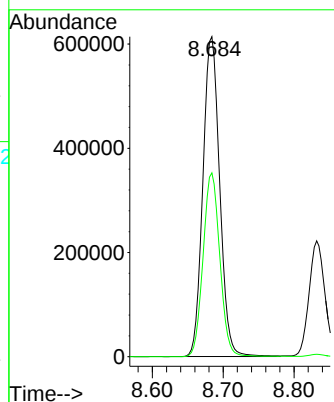
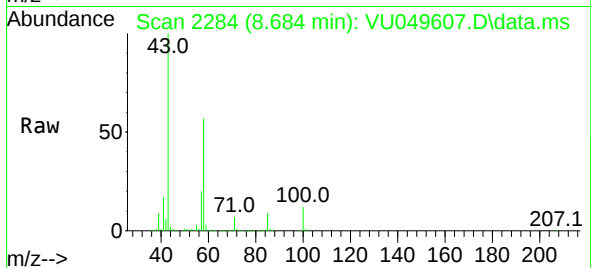




#59  
2-Hexanone  
Concen: 238.158 ug/l  
RT: 8.684 min Scan# 211  
Delta R.T. -0.013 min  
Lab File: VU049607.D  
Acq: 05 Jul 2022 10:09

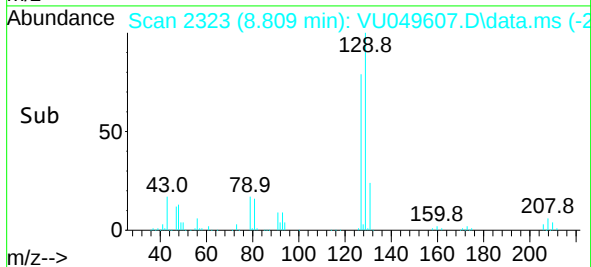
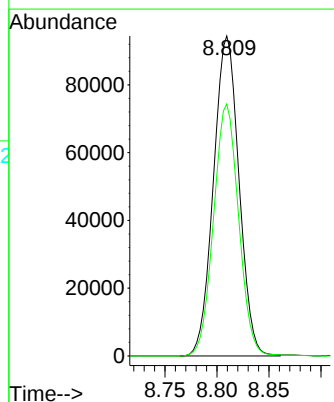
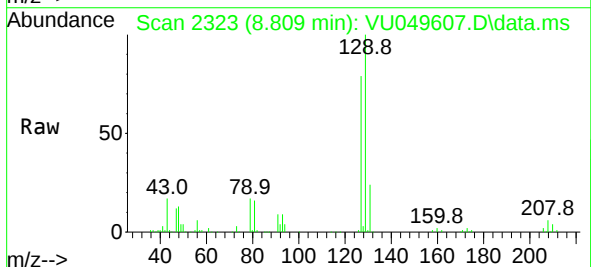
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

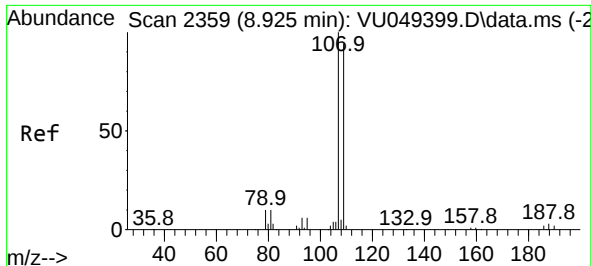
Tgt Ion: 43 Resp: 1011457  
Ion Ratio Lower Upper  
43 100  
58 57.1 30.3 90.8



#60  
Dibromochloromethane  
Concen: 51.809 ug/l  
RT: 8.809 min Scan# 2323  
Delta R.T. -0.003 min  
Lab File: VU049607.D  
Acq: 05 Jul 2022 10:09

Tgt Ion: 129 Resp: 161099  
Ion Ratio Lower Upper  
129 100  
127 77.4 38.6 116.0

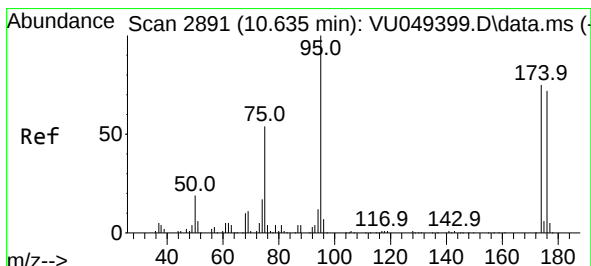
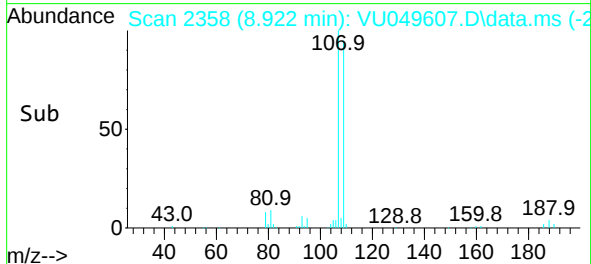
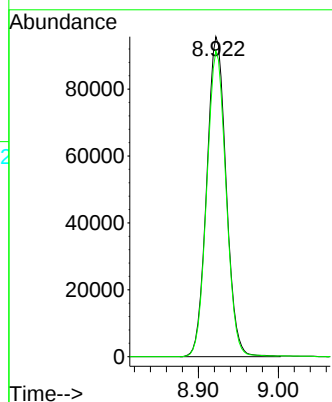
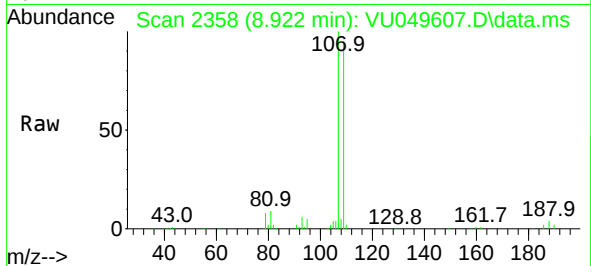




#61  
1,2-Dibromoethane  
Concen: 49.574 ug/l  
RT: 8.922 min Scan# 21  
Delta R.T. -0.003 min  
Lab File: VU049607.D  
Acq: 05 Jul 2022 10:09

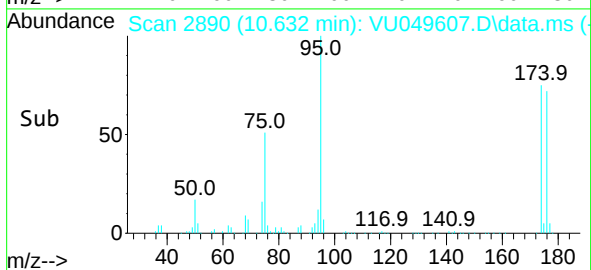
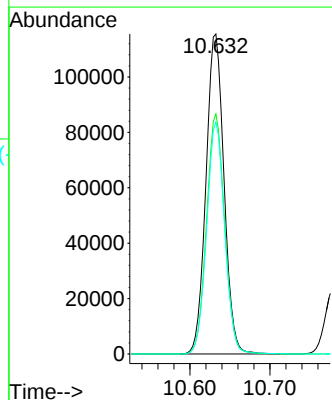
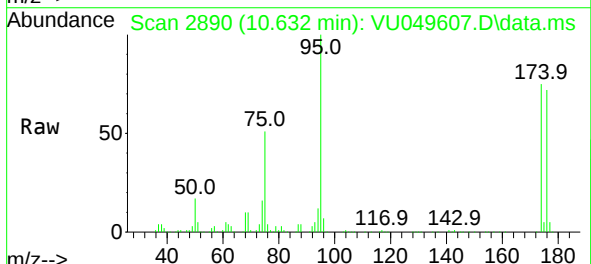
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

Tgt Ion:107 Resp: 161541  
Ion Ratio Lower Upper  
107 100  
109 94.9 75.1 112.7



#62  
4-Bromofluorobenzene  
Concen: 47.769 ug/l  
RT: 10.632 min Scan# 2890  
Delta R.T. -0.003 min  
Lab File: VU049607.D  
Acq: 05 Jul 2022 10:09

Tgt Ion: 95 Resp: 181410  
Ion Ratio Lower Upper  
95 100  
174 75.3 0.0 182.0  
176 72.2 0.0 177.8

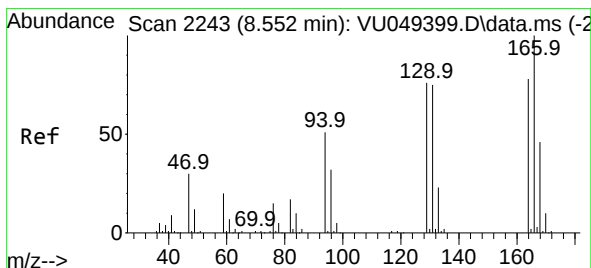
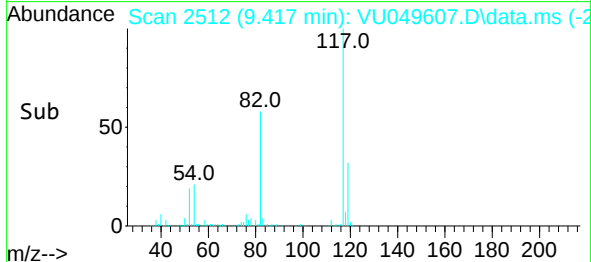
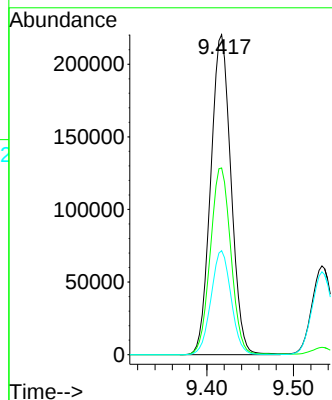
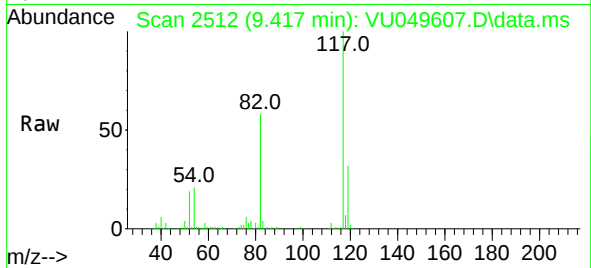




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 9.417 min Scan# 21  
Delta R.T. -0.003 min  
Lab File: VU049607.D  
Acq: 05 Jul 2022 10:09

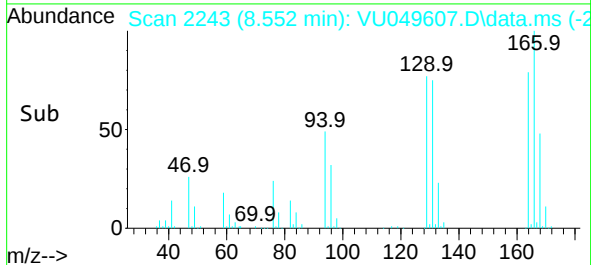
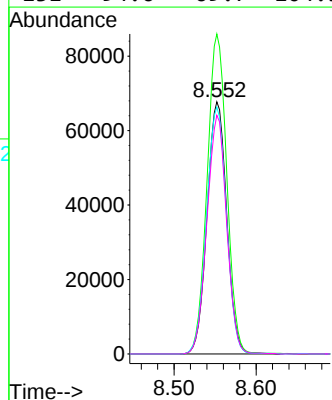
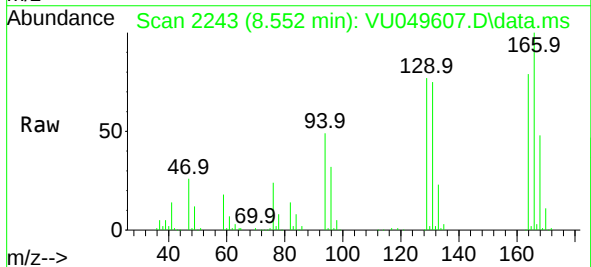
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

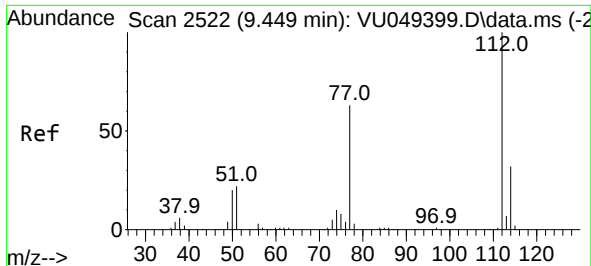
Tgt Ion:117 Resp: 358725  
Ion Ratio Lower Upper  
117 100  
82 58.3 41.7 62.5  
119 32.5 25.7 38.5



#64  
Tetrachloroethene  
Concen: 48.948 ug/l  
RT: 8.552 min Scan# 2243  
Delta R.T. 0.000 min  
Lab File: VU049607.D  
Acq: 05 Jul 2022 10:09

Tgt Ion:164 Resp: 112622  
Ion Ratio Lower Upper  
164 100  
166 126.9 100.0 150.0  
129 97.9 72.0 108.0  
131 94.6 69.7 104.5

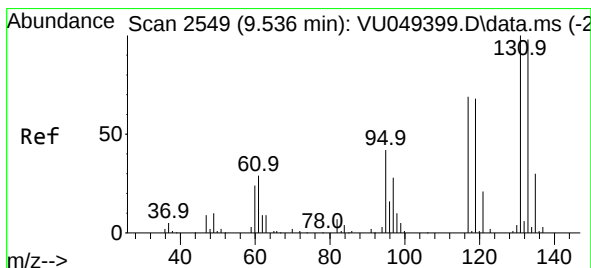
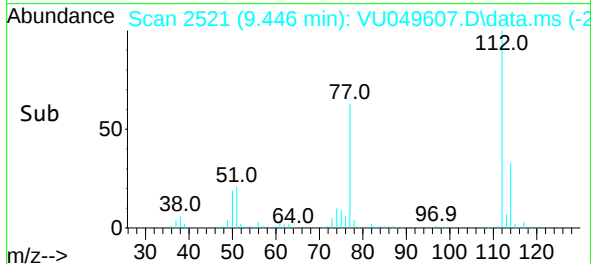
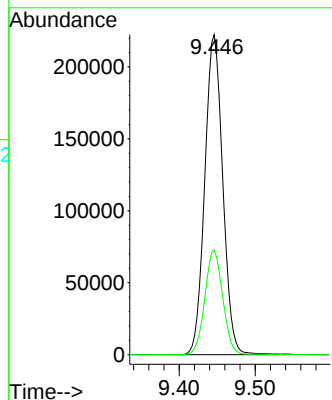
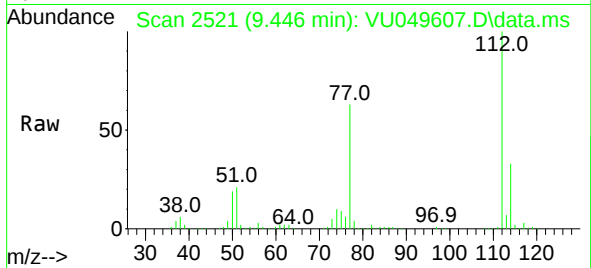




#65  
Chlorobenzene  
Concen: 49.855 ug/l  
RT: 9.446 min Scan# 2521  
Delta R.T. -0.003 min  
Lab File: VU049607.D  
Acq: 05 Jul 2022 10:09

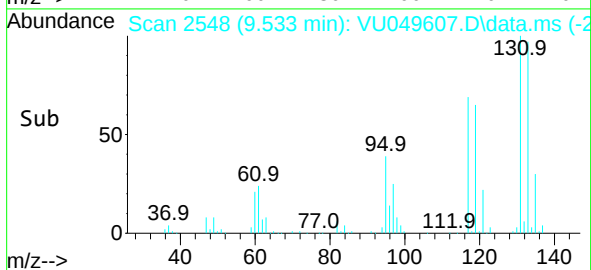
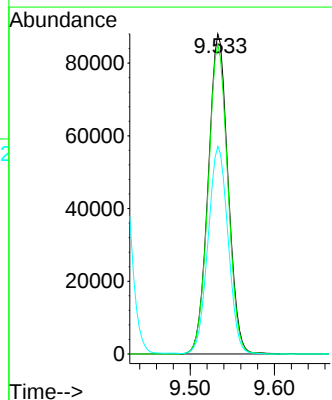
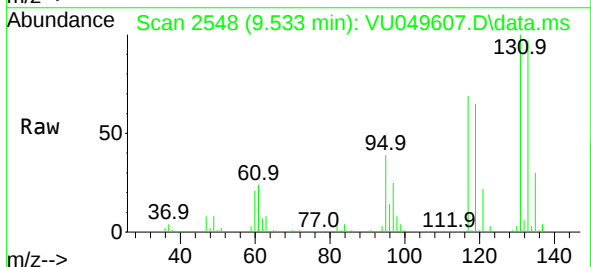
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

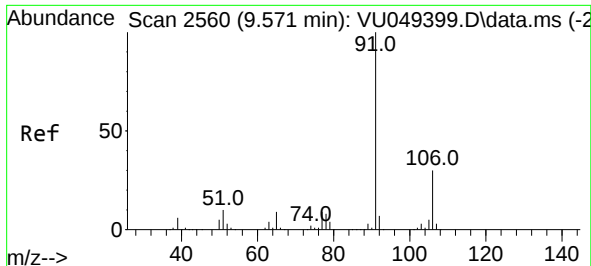
Tgt Ion:112 Resp: 365624  
Ion Ratio Lower Upper  
112 100  
114 32.7 24.9 37.3



#66  
1,1,1,2-Tetrachloroethane  
Concen: 52.006 ug/l  
RT: 9.533 min Scan# 2548  
Delta R.T. -0.003 min  
Lab File: VU049607.D  
Acq: 05 Jul 2022 10:09

Tgt Ion:131 Resp: 143877  
Ion Ratio Lower Upper  
131 100  
133 95.8 48.4 145.0  
119 65.6 33.9 101.6





#67

Ethyl Benzene

Concen: 50.603 ug/l

RT: 9.568 min Scan# 2559

Delta R.T. -0.003 min

Lab File: VU049607.D

Acq: 05 Jul 2022 10:09

Instrument :

MSVOA\_U

ClientSampleId :

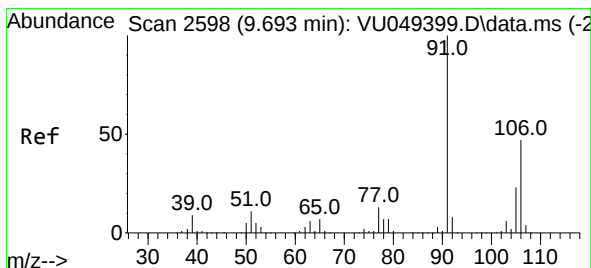
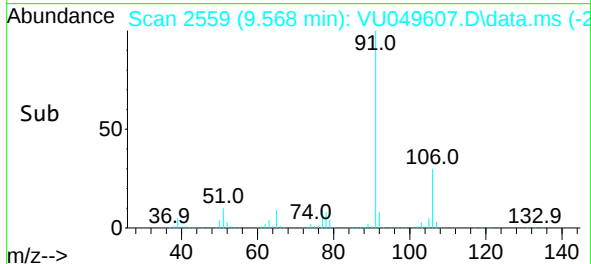
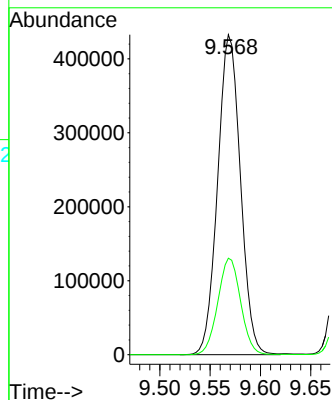
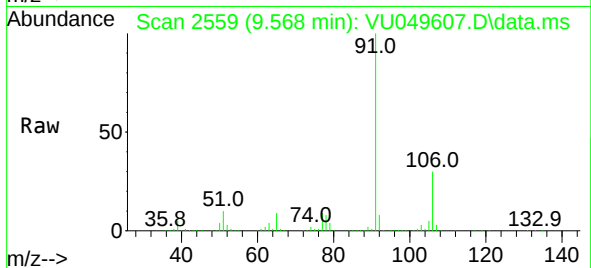
VSTDCCC050

Tgt Ion: 91 Resp: 681301

Ion Ratio Lower Upper

91 100

106 30.2 25.6 38.4



#68

m/p-Xylenes

Concen: 100.934 ug/l

RT: 9.694 min Scan# 2598

Delta R.T. 0.000 min

Lab File: VU049607.D

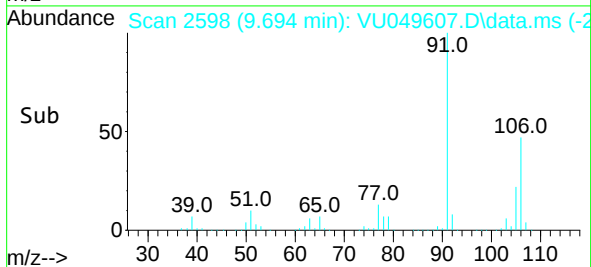
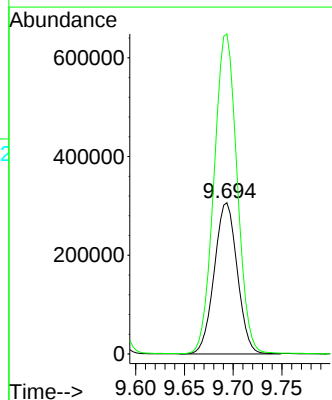
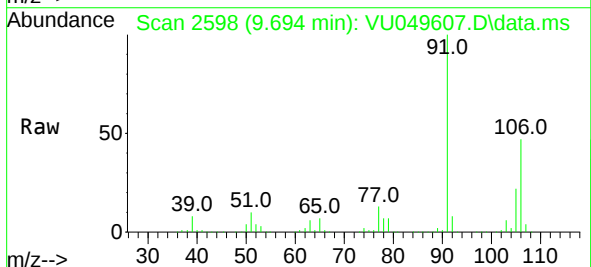
Acq: 05 Jul 2022 10:09

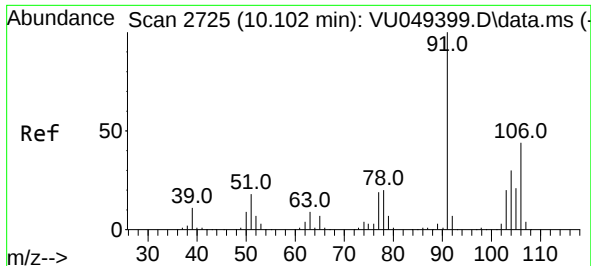
Tgt Ion: 106 Resp: 502807

Ion Ratio Lower Upper

106 100

91 213.7 157.2 235.8

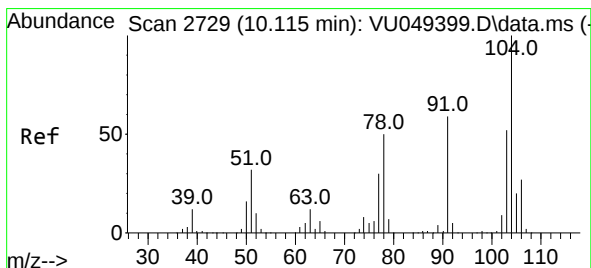
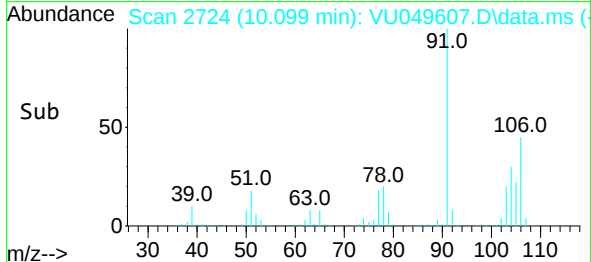
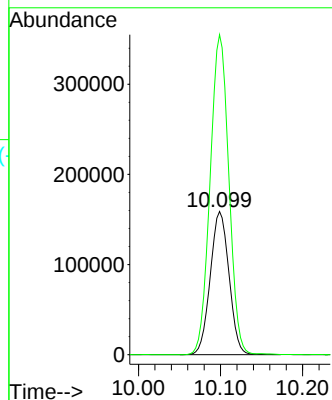
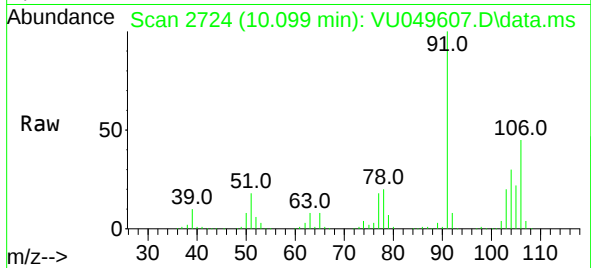




#69  
o-Xylene  
Concen: 51.061 ug/l  
RT: 10.099 min Scan# 2725  
Delta R.T. -0.003 min  
Lab File: VU049607.D  
Acq: 05 Jul 2022 10:09

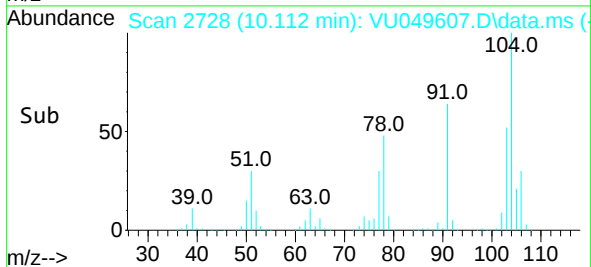
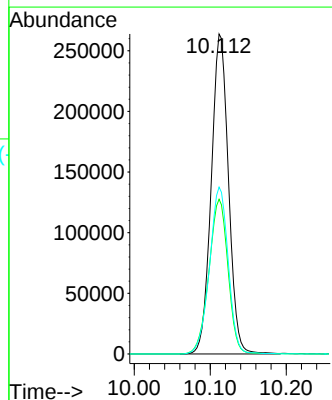
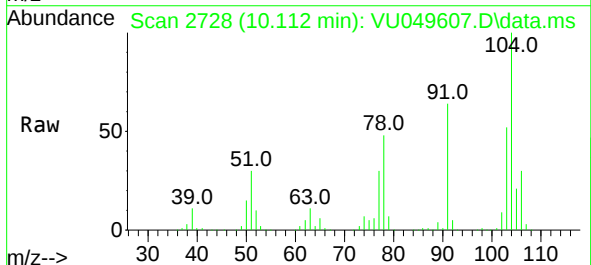
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

Tgt Ion:106 Resp: 252520  
Ion Ratio Lower Upper  
106 100  
91 222.8 103.5 310.5



#70  
Styrene  
Concen: 52.372 ug/l  
RT: 10.112 min Scan# 2728  
Delta R.T. -0.003 min  
Lab File: VU049607.D  
Acq: 05 Jul 2022 10:09

Tgt Ion:104 Resp: 416154  
Ion Ratio Lower Upper  
104 100  
78 53.4 38.0 57.0  
103 56.5 43.9 65.9





#71

Bromoform

Concen: 53.010 ug/l

RT: 10.288 min Scan# 21

Delta R.T. -0.006 min

Lab File: VU049607.D

Acq: 05 Jul 2022 10:09

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC050

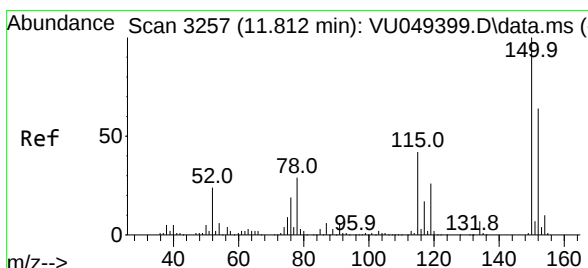
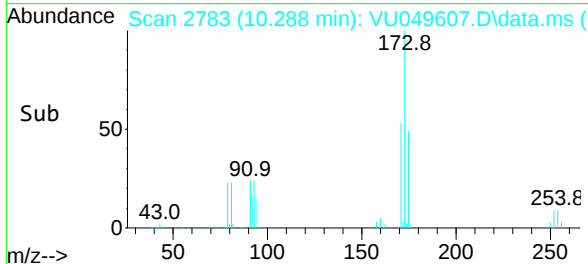
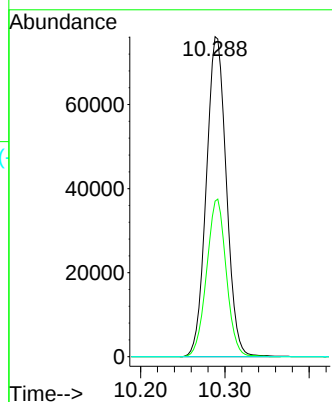
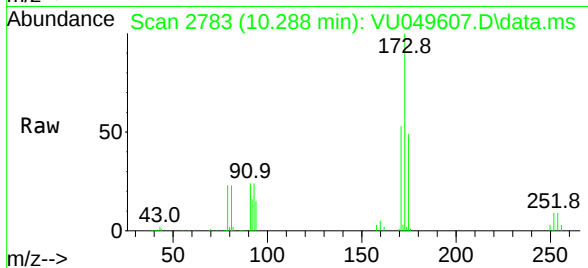
Tgt Ion:173 Resp: 125780

Ion Ratio Lower Upper

173 100

175 48.3 24.1 72.2

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.809 min Scan# 3256

Delta R.T. -0.003 min

Lab File: VU049607.D

Acq: 05 Jul 2022 10:09

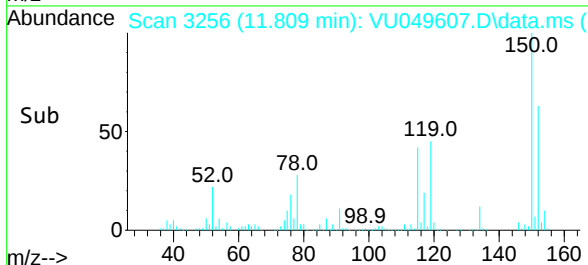
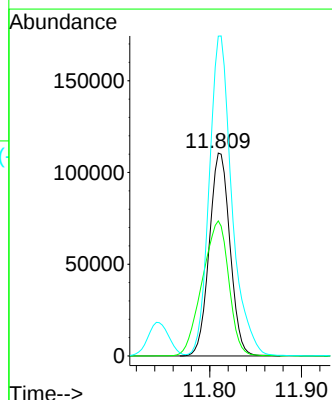
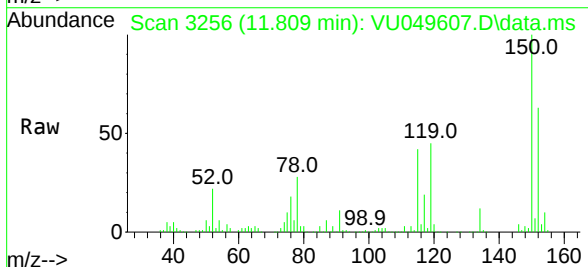
Tgt Ion:152 Resp: 173640

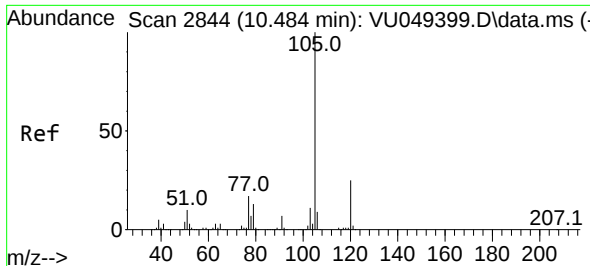
Ion Ratio Lower Upper

152 100

115 85.3 37.0 110.9

150 172.2 0.0 342.2

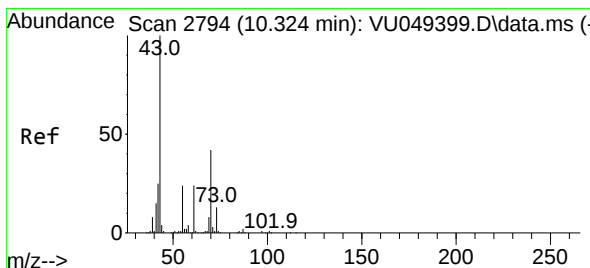
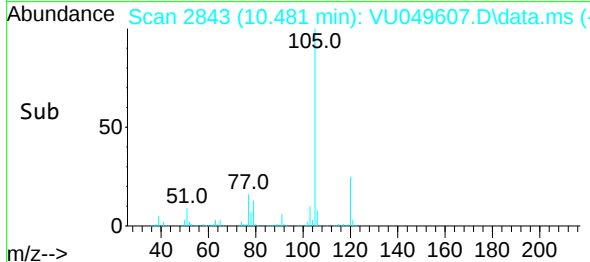
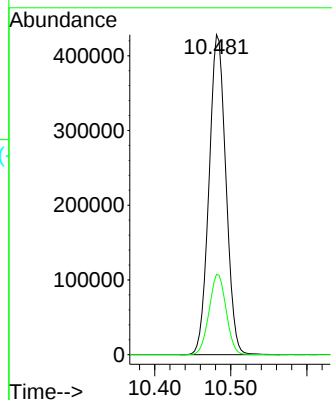
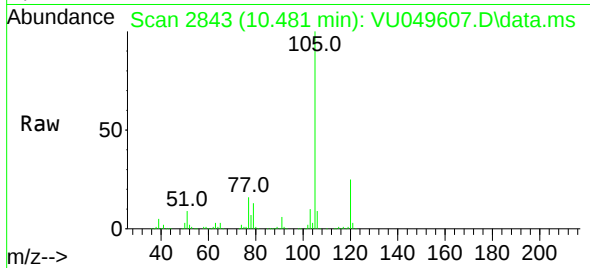




#73  
Isopropylbenzene  
Concen: 53.317 ug/l  
RT: 10.481 min Scan# 21  
Delta R.T. -0.003 min  
Lab File: VU049607.D  
Acq: 05 Jul 2022 10:09

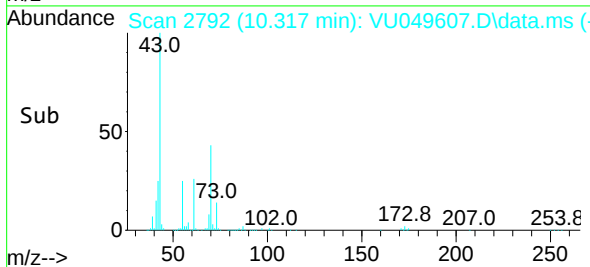
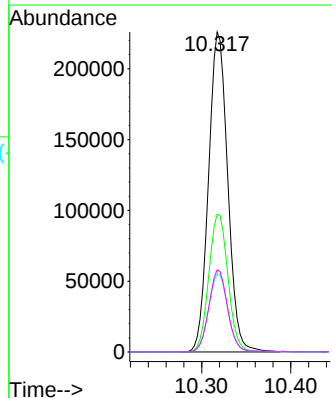
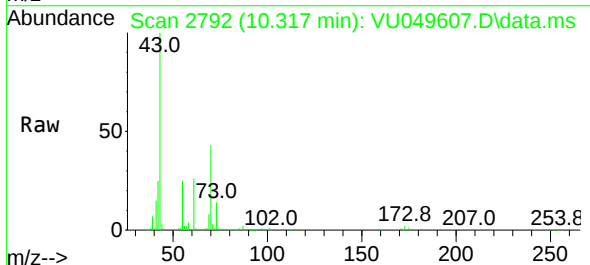
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

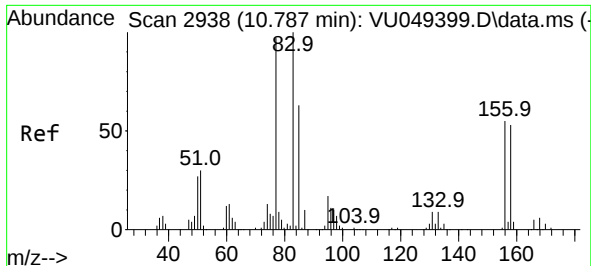
Tgt Ion:105 Resp: 659505  
Ion Ratio Lower Upper  
105 100  
120 25.4 13.8 41.4



#74  
N-ethyl acetate  
Concen: 51.494 ug/l  
RT: 10.317 min Scan# 2792  
Delta R.T. -0.006 min  
Lab File: VU049607.D  
Acq: 05 Jul 2022 10:09

Tgt Ion: 43 Resp: 337117  
Ion Ratio Lower Upper  
43 100  
70 43.3 38.7 58.1  
55 24.6 21.8 32.8  
61 25.2 21.9 32.9

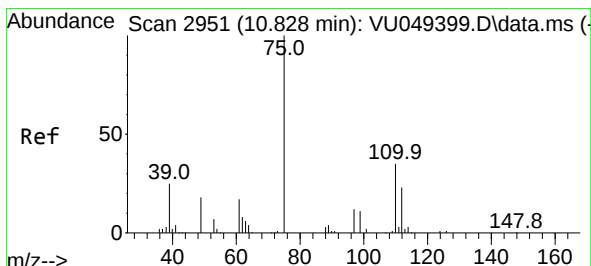
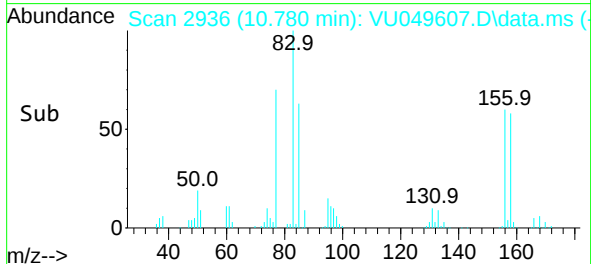
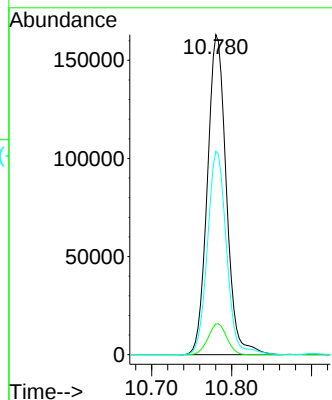
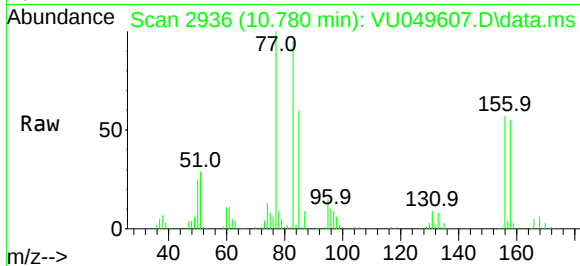




#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 51.276 ug/l  
 RT: 10.780 min Scan# 2948  
 Delta R.T. -0.006 min  
 Lab File: VU049607.D  
 Acq: 05 Jul 2022 10:09

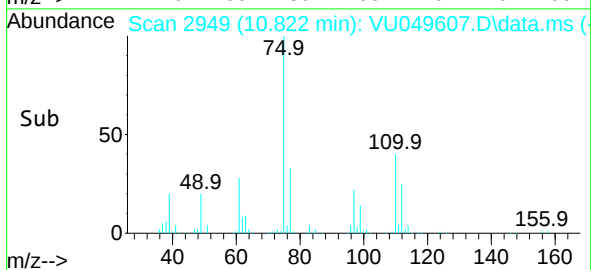
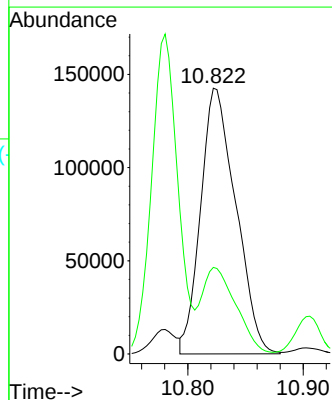
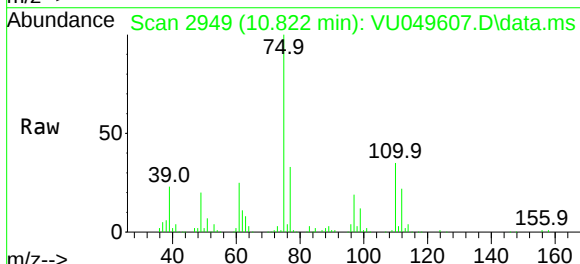
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC050

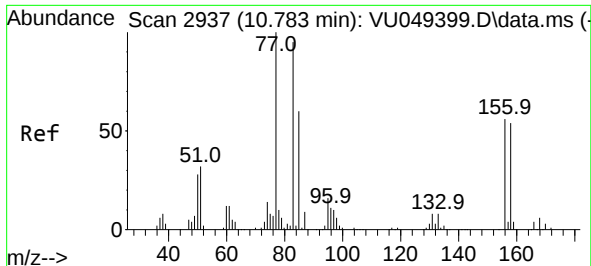
Tgt Ion: 83 Resp: 268670  
 Ion Ratio Lower Upper  
 83 100  
 131 9.6 5.1 15.4  
 85 63.9 32.2 96.6



#76  
 1,2,3-Trichloropropane  
 Concen: 51.260 ug/l  
 RT: 10.822 min Scan# 2949  
 Delta R.T. -0.006 min  
 Lab File: VU049607.D  
 Acq: 05 Jul 2022 10:09

Tgt Ion: 75 Resp: 301731  
 Ion Ratio Lower Upper  
 75 100  
 77 31.4 15.8 47.3

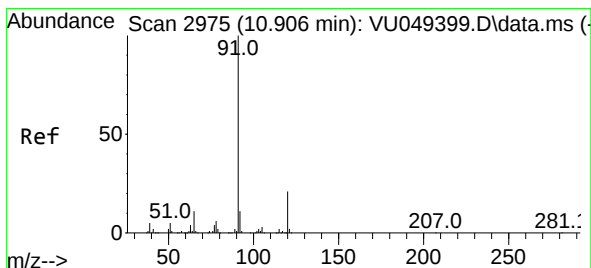
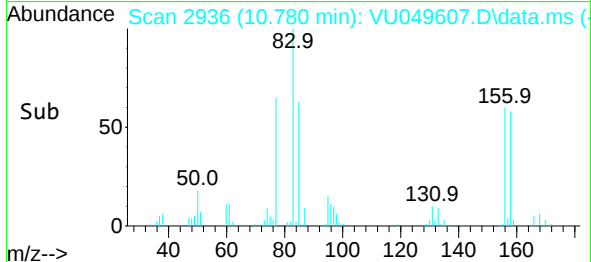
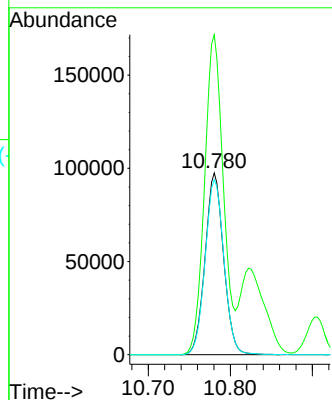
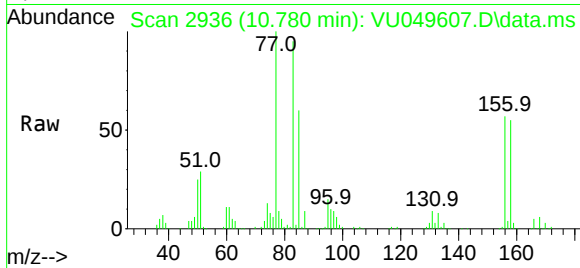




#77  
Bromobenzene  
Concen: 50.687 ug/l  
RT: 10.780 min Scan# 2937  
Delta R.T. -0.003 min  
Lab File: VU049607.D  
Acq: 05 Jul 2022 10:09

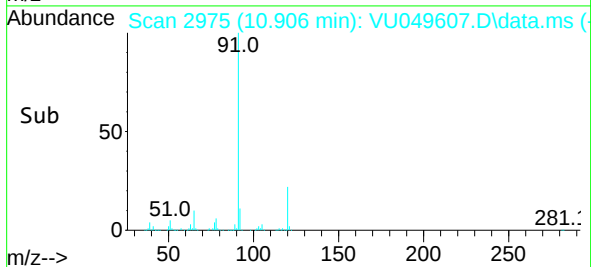
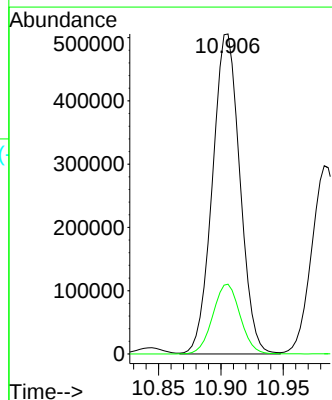
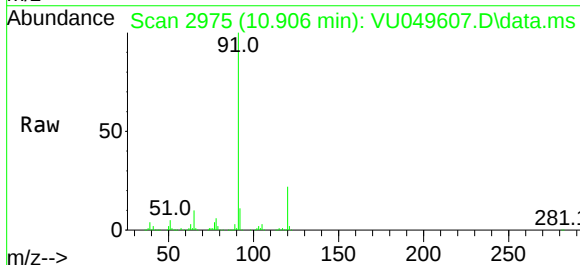
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

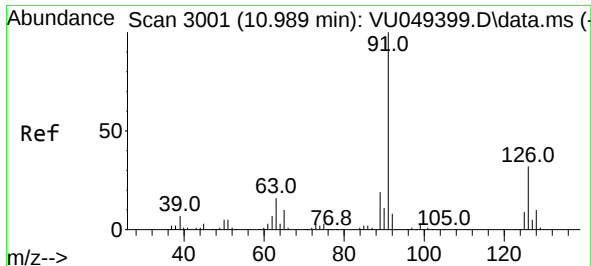
Tgt Ion:156 Resp: 153040  
Ion Ratio Lower Upper  
156 100  
77 178.4 71.9 215.6  
158 98.2 48.9 146.8



#78  
n-propylbenzene  
Concen: 51.646 ug/l  
RT: 10.906 min Scan# 2975  
Delta R.T. 0.000 min  
Lab File: VU049607.D  
Acq: 05 Jul 2022 10:09

Tgt Ion: 91 Resp: 776260  
Ion Ratio Lower Upper  
91 100  
120 21.7 11.9 35.5

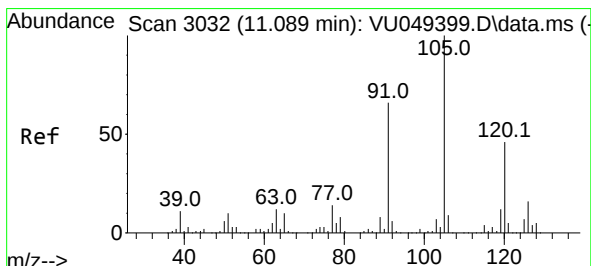
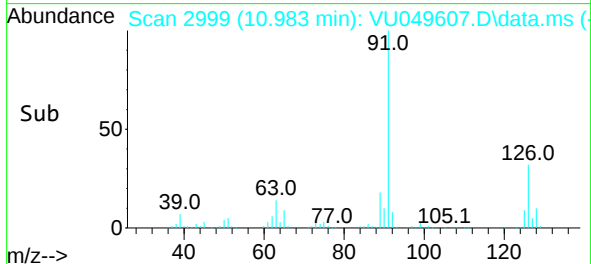
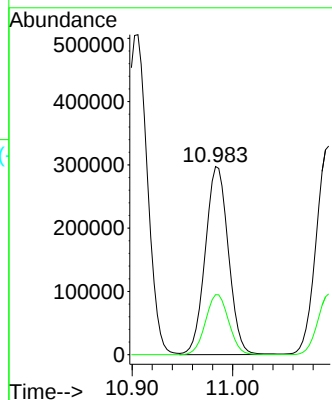
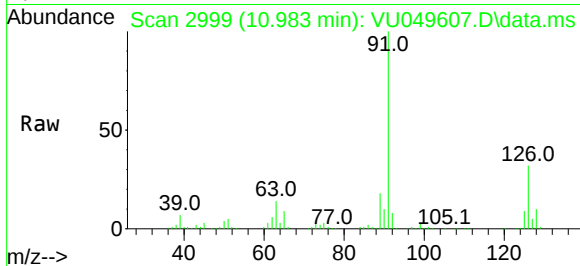




#79  
2-Chlorotoluene  
Concen: 51.347 ug/l  
RT: 10.983 min Scan# 2999  
Delta R.T. -0.006 min  
Lab File: VU049607.D  
Acq: 05 Jul 2022 10:09

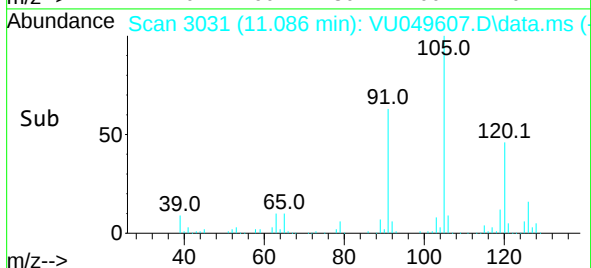
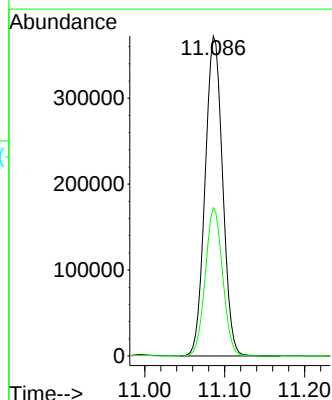
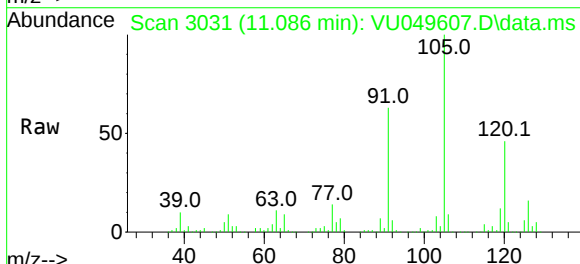
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

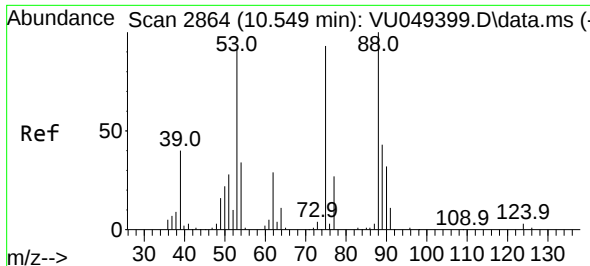
Tgt Ion: 91 Resp: 475484  
Ion Ratio Lower Upper  
91 100  
126 32.0 18.4 55.0



#80  
1,3,5-Trimethylbenzene  
Concen: 52.570 ug/l  
RT: 11.086 min Scan# 3031  
Delta R.T. -0.003 min  
Lab File: VU049607.D  
Acq: 05 Jul 2022 10:09

Tgt Ion: 105 Resp: 567691  
Ion Ratio Lower Upper  
105 100  
120 45.9 25.3 75.9

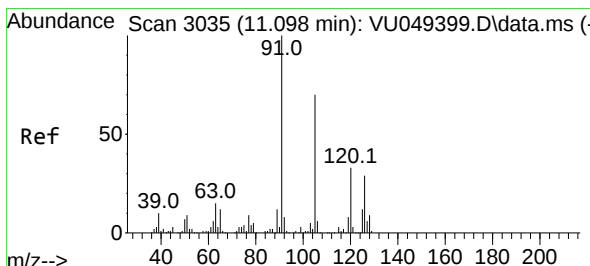
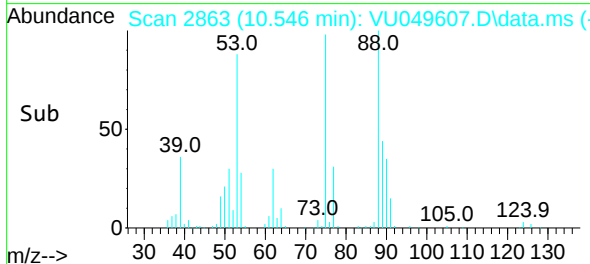
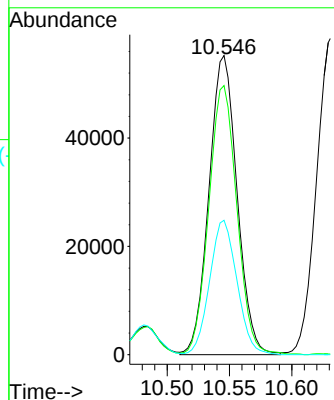
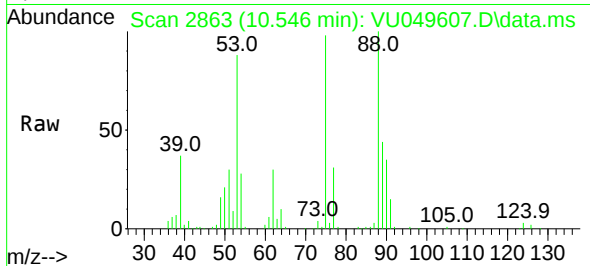




#81  
trans-1,4-Dichloro-2-butene  
Concen: 54.442 ug/l  
RT: 10.546 min Scan# 21  
Delta R.T. -0.003 min  
Lab File: VU049607.D  
Acq: 05 Jul 2022 10:09

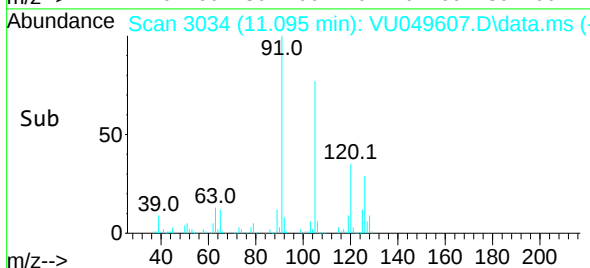
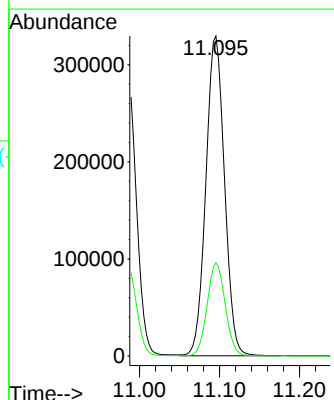
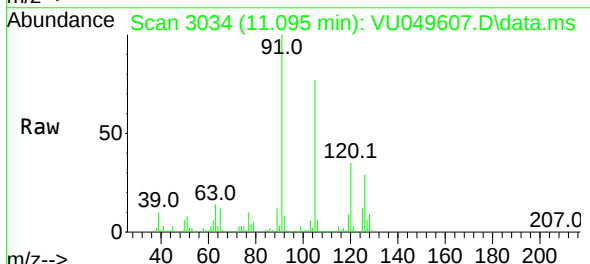
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

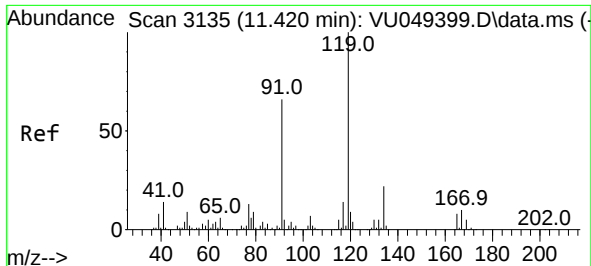
Tgt Ion: 75 Resp: 86777  
Ion Ratio Lower Upper  
75 100  
53 90.1 69.2 103.8  
89 43.8 37.0 55.6



#82  
4-Chlorotoluene  
Concen: 51.257 ug/l  
RT: 11.095 min Scan# 3034  
Delta R.T. -0.003 min  
Lab File: VU049607.D  
Acq: 05 Jul 2022 10:09

Tgt Ion: 91 Resp: 533831  
Ion Ratio Lower Upper  
91 100  
126 28.2 16.1 48.2

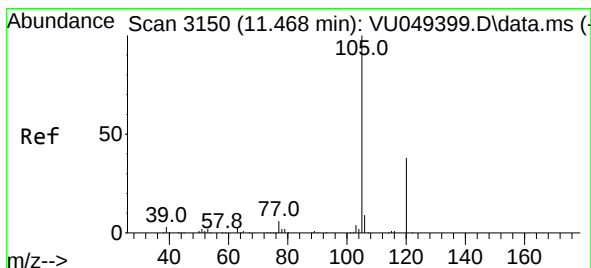
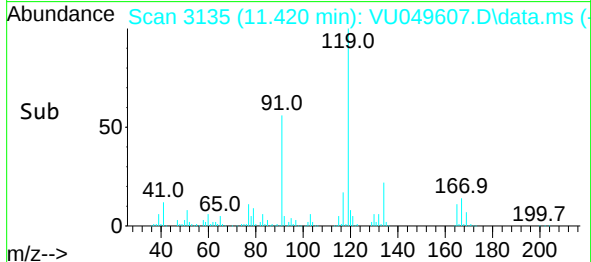
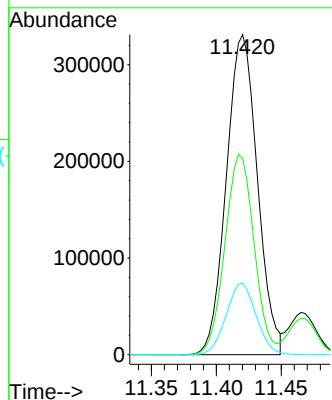
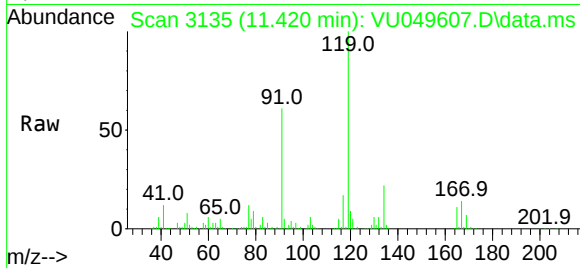




#83  
 tert-Butylbenzene  
 Concen: 51.878 ug/l  
 RT: 11.420 min Scan# 3135  
 Delta R.T. 0.000 min  
 Lab File: VU049607.D  
 Acq: 05 Jul 2022 10:09

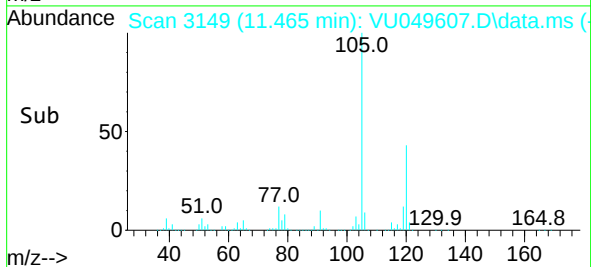
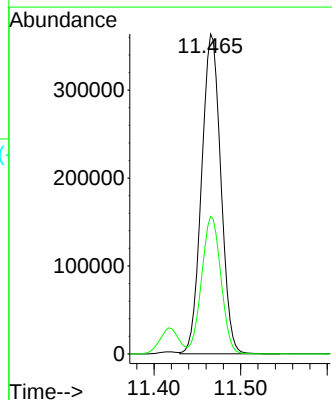
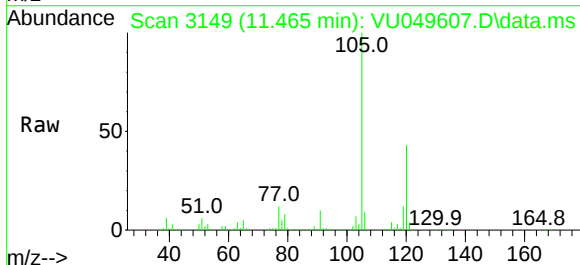
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC050

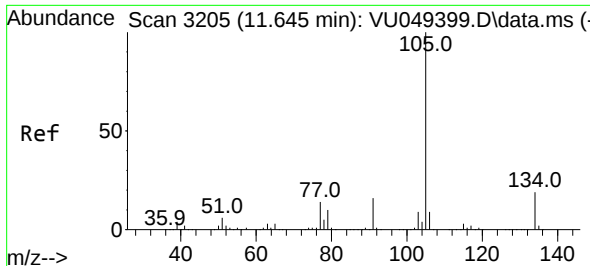
Tgt Ion:119 Resp: 551017  
 Ion Ratio Lower Upper  
 119 100  
 91 58.8 26.8 80.3  
 134 21.5 11.5 34.5



#84  
 1,2,4-Trimethylbenzene  
 Concen: 52.839 ug/l  
 RT: 11.465 min Scan# 3149  
 Delta R.T. -0.003 min  
 Lab File: VU049607.D  
 Acq: 05 Jul 2022 10:09

Tgt Ion:105 Resp: 560549  
 Ion Ratio Lower Upper  
 105 100  
 120 43.2 23.4 70.3

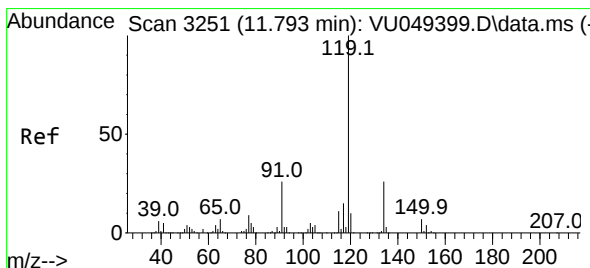
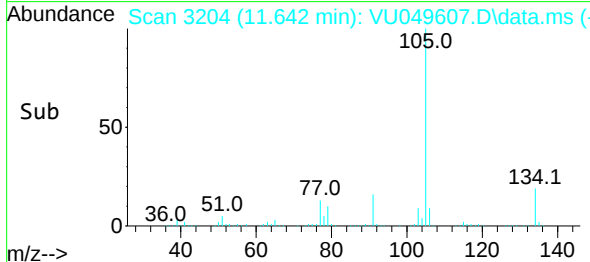
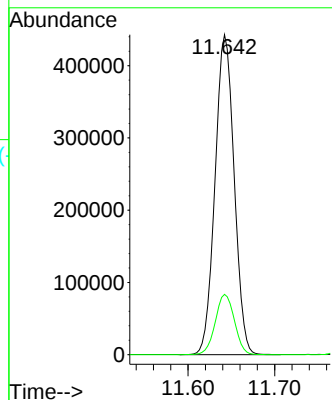
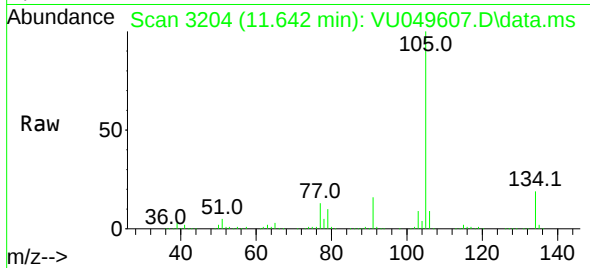




#85  
 sec-Butylbenzene  
 Concen: 50.814 ug/l  
 RT: 11.642 min Scan# 31  
 Delta R.T. -0.003 min  
 Lab File: VU049607.D  
 Acq: 05 Jul 2022 10:09

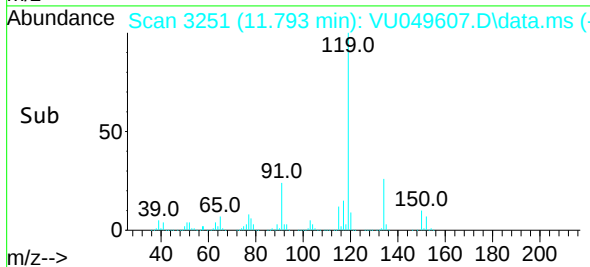
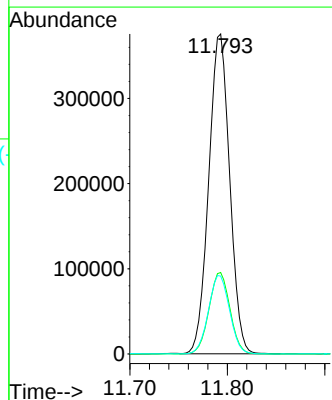
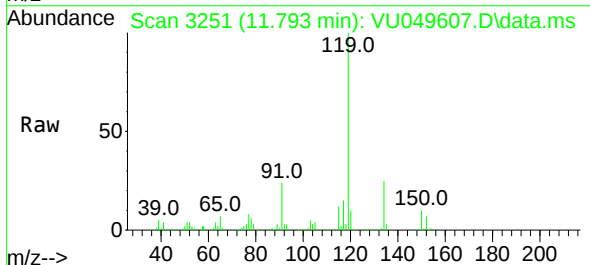
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC050

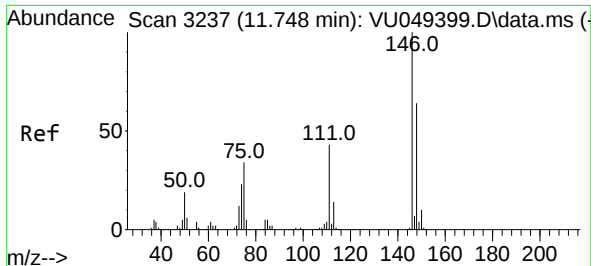
Tgt Ion:105 Resp: 678563  
 Ion Ratio Lower Upper  
 105 100  
 134 18.9 10.4 31.1



#86  
 p-Isopropyltoluene  
 Concen: 51.863 ug/l  
 RT: 11.793 min Scan# 3251  
 Delta R.T. 0.000 min  
 Lab File: VU049607.D  
 Acq: 05 Jul 2022 10:09

Tgt Ion:119 Resp: 560088  
 Ion Ratio Lower Upper  
 119 100  
 134 25.5 13.5 40.4  
 91 24.9 11.2 33.5





#87

1,3-Dichlorobenzene

Concen: 49.787 ug/l

RT: 11.745 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU049607.D

Acq: 05 Jul 2022 10:09

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC050

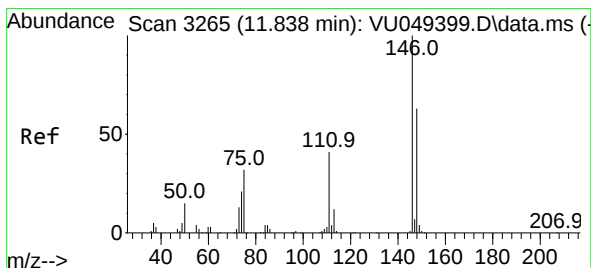
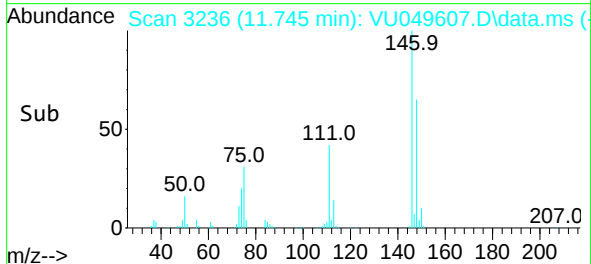
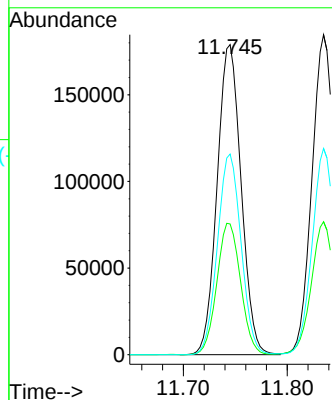
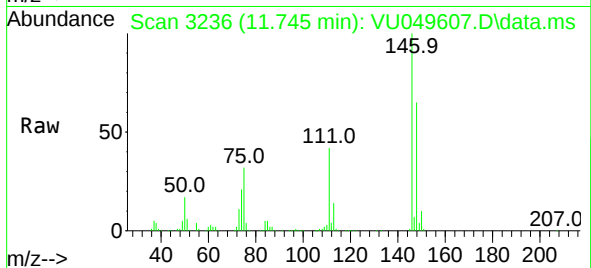
Tgt Ion:146 Resp: 287386

Ion Ratio Lower Upper

146 100

111 42.0 18.9 56.5

148 63.9 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 49.241 ug/l

RT: 11.835 min Scan# 3264

Delta R.T. -0.003 min

Lab File: VU049607.D

Acq: 05 Jul 2022 10:09

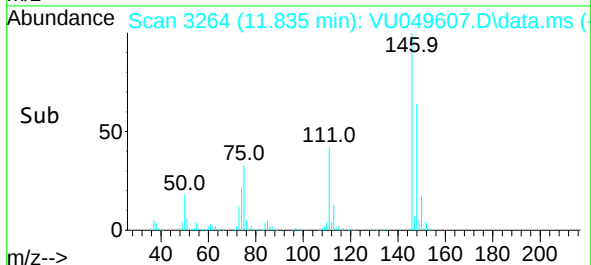
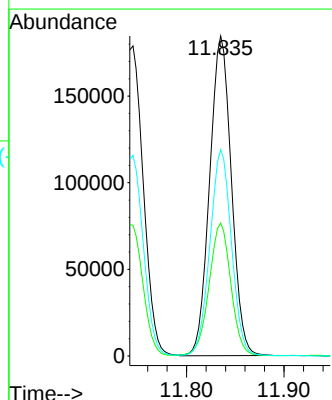
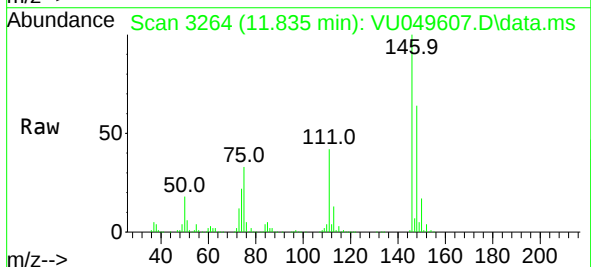
Tgt Ion:146 Resp: 285686

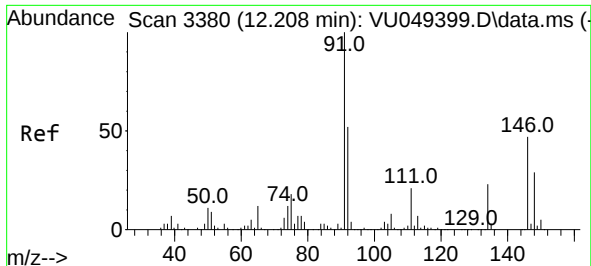
Ion Ratio Lower Upper

146 100

111 41.6 18.5 55.5

148 64.0 31.9 95.7

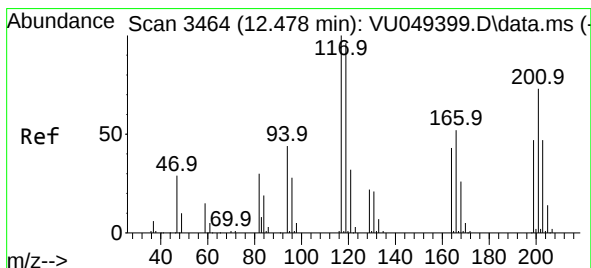
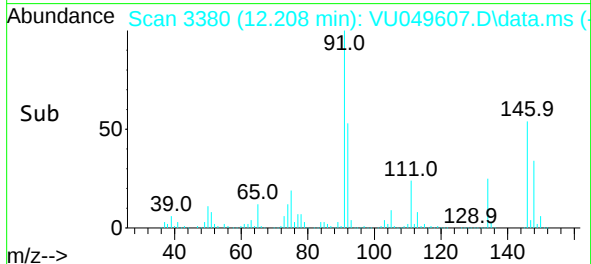
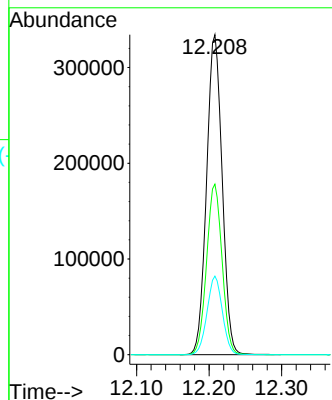
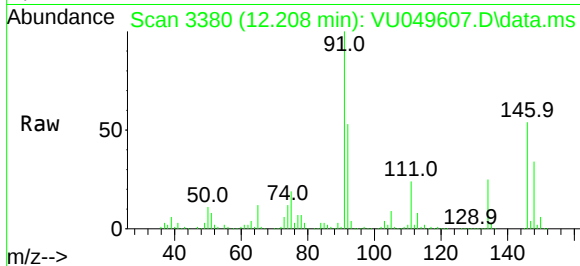




#89  
n-Butylbenzene  
Concen: 49.826 ug/l  
RT: 12.208 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VU049607.D  
Acq: 05 Jul 2022 10:09

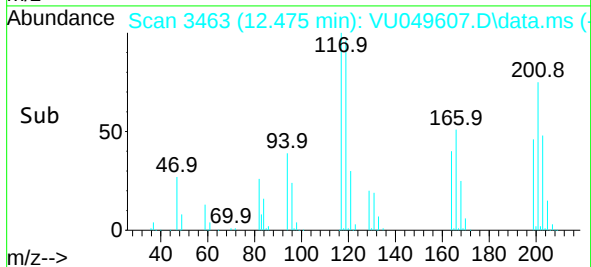
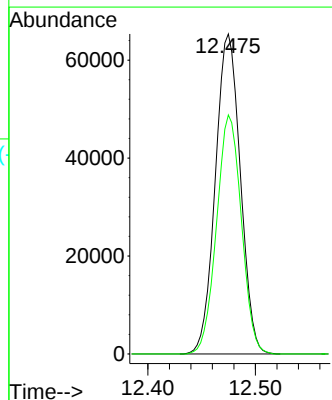
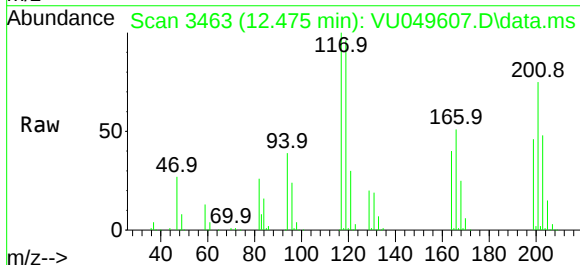
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

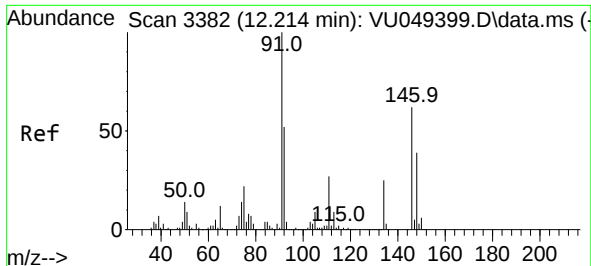
Tgt Ion: 91 Resp: 498101  
Ion Ratio Lower Upper  
91 100  
92 53.0 26.2 78.6  
134 24.2 13.5 40.4



#90  
Hexachloroethane  
Concen: 49.064 ug/l  
RT: 12.475 min Scan# 3463  
Delta R.T. -0.003 min  
Lab File: VU049607.D  
Acq: 05 Jul 2022 10:09

Tgt Ion: 117 Resp: 105536  
Ion Ratio Lower Upper  
117 100  
201 74.2 44.6 134.0

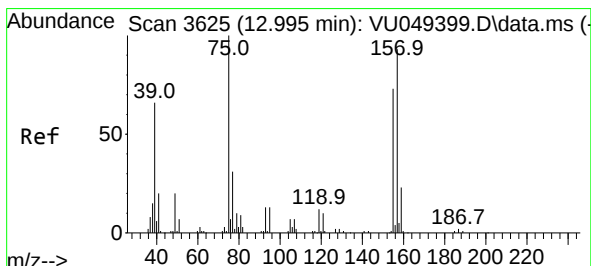
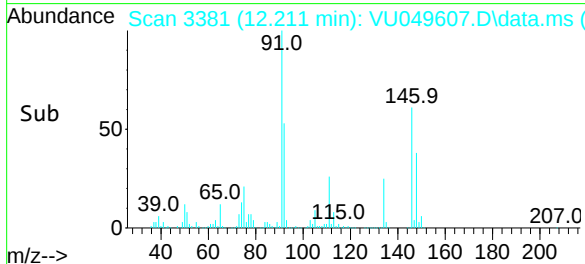
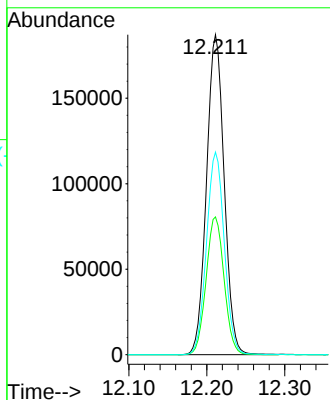
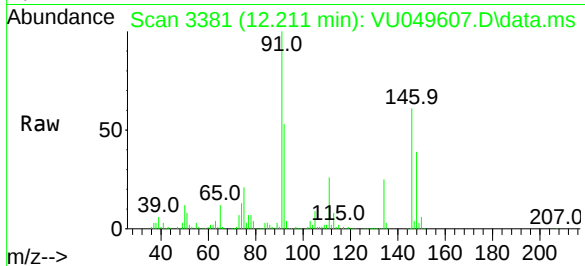




#91  
1,2-Dichlorobenzene  
Concen: 50.820 ug/l  
RT: 12.211 min Scan# 3381  
Delta R.T. -0.003 min  
Lab File: VU049607.D  
Acq: 05 Jul 2022 10:09

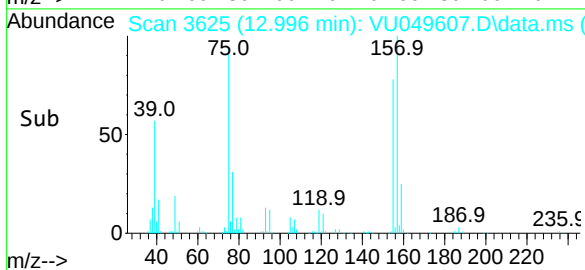
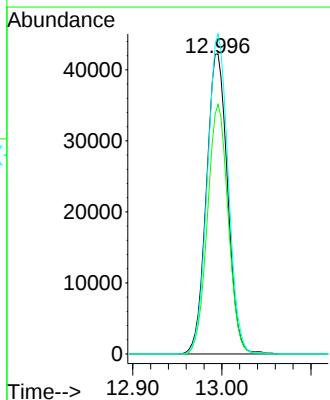
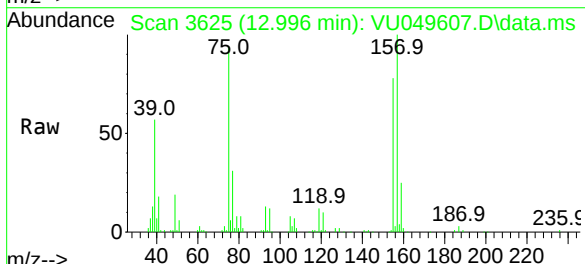
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

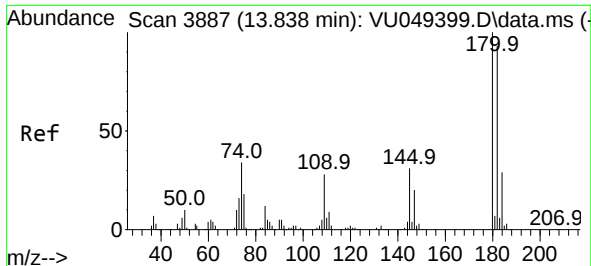
Tgt Ion:146 Resp: 294754  
Ion Ratio Lower Upper  
146 100  
111 43.8 19.9 59.6  
148 63.9 32.1 96.5



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 51.891 ug/l  
RT: 12.996 min Scan# 3625  
Delta R.T. 0.000 min  
Lab File: VU049607.D  
Acq: 05 Jul 2022 10:09

Tgt Ion: 75 Resp: 69718  
Ion Ratio Lower Upper  
75 100  
155 81.3 47.8 143.4  
157 104.9 62.2 186.5

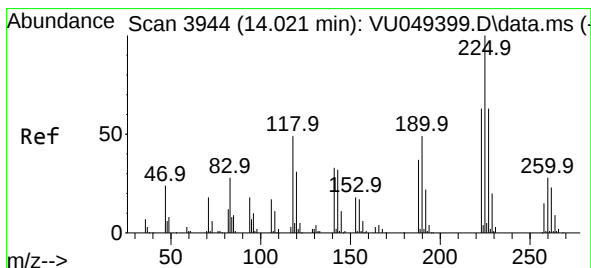
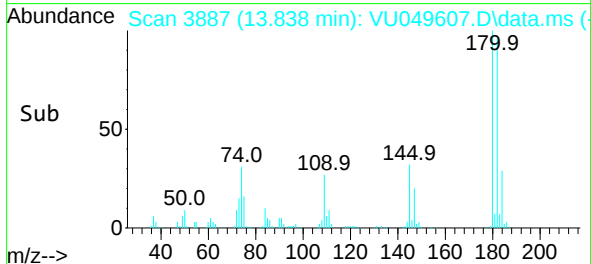
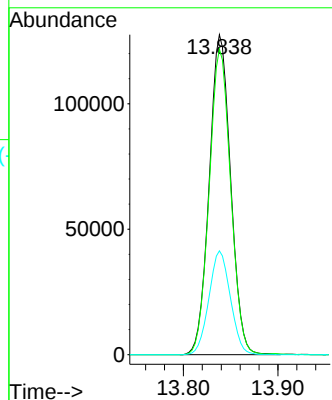
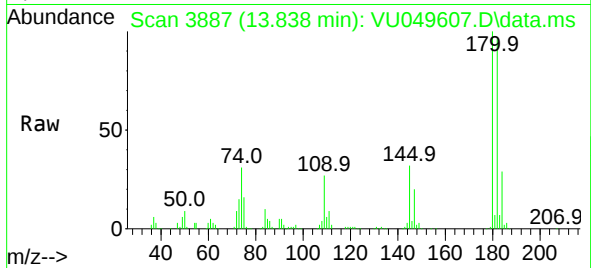




#93  
1,2,4-Trichlorobenzene  
Concen: 51.457 ug/l  
RT: 13.838 min Scan# 3887  
Delta R.T. 0.000 min  
Lab File: VU049607.D  
Acq: 05 Jul 2022 10:09

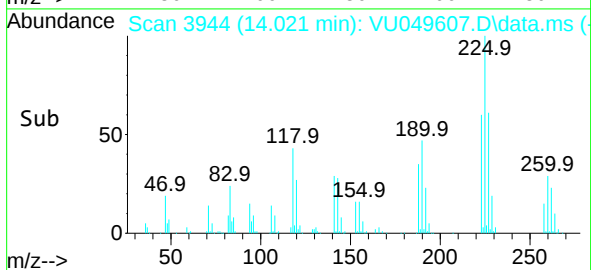
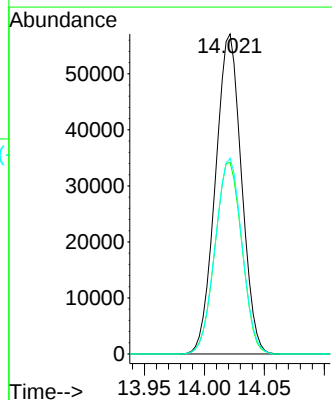
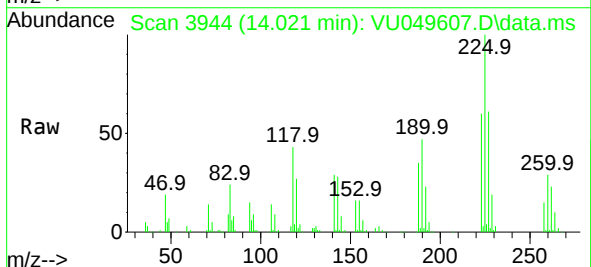
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

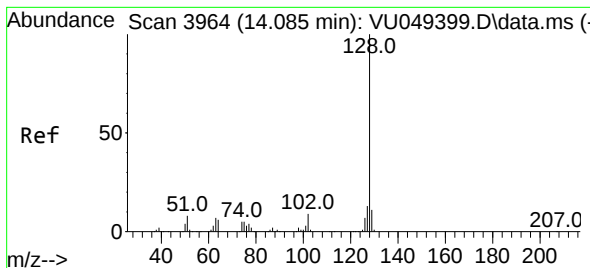
Tgt Ion:180 Resp: 200493  
Ion Ratio Lower Upper  
180 100  
182 95.7 47.9 143.6  
145 32.5 14.0 41.9



#94  
Hexachlorobutadiene  
Concen: 47.963 ug/l  
RT: 14.021 min Scan# 3944  
Delta R.T. 0.000 min  
Lab File: VU049607.D  
Acq: 05 Jul 2022 10:09

Tgt Ion:225 Resp: 86293  
Ion Ratio Lower Upper  
225 100  
223 61.7 31.3 93.9  
227 62.9 32.0 96.2





#95

Naphthalene

Concen: 54.707 ug/l

RT: 14.086 min Scan# 3964

Delta R.T. 0.000 min

Lab File: VU049607.D

Acq: 05 Jul 2022 10:09

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC050

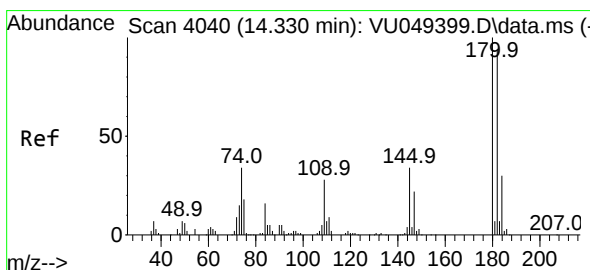
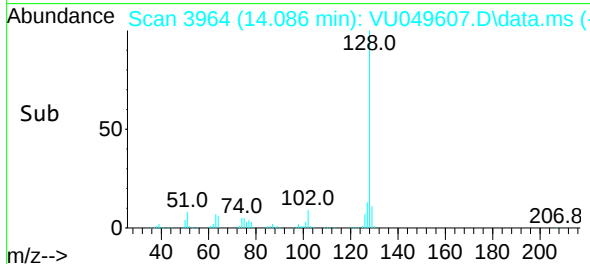
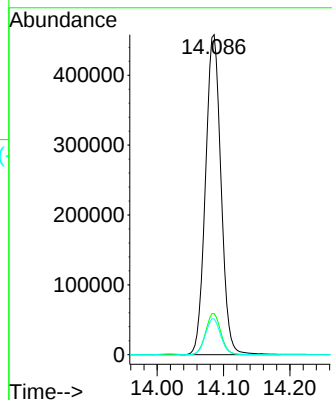
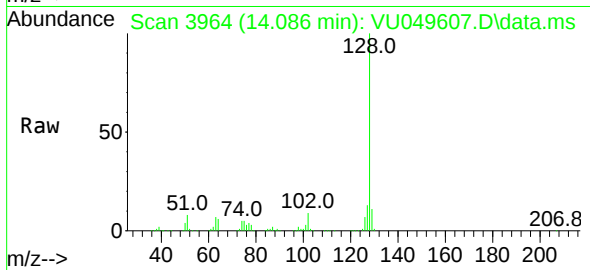
Tgt Ion:128 Resp: 746005

Ion Ratio Lower Upper

128 100

127 12.7 10.3 15.5

129 11.1 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 51.584 ug/l

RT: 14.327 min Scan# 4039

Delta R.T. -0.003 min

Lab File: VU049607.D

Acq: 05 Jul 2022 10:09

Tgt Ion:180 Resp: 206566

Ion Ratio Lower Upper

180 100

182 95.5 48.4 145.0

145 34.3 14.8 44.4

