

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU073024\  
 Data File : VU060272.D  
 Acq On : 30 Jul 2024 19:27  
 Operator : MD/SY  
 Sample : VSTDICV010  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 ICSVU073024

Quant Time: Jul 31 04:54:54 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\524U073024DW.M  
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER  
 QLast Update : Wed Jul 31 04:49:33 2024  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon | Response | Conc   | Units    | Dev(Min) |
|------------------------------|--------|------|----------|--------|----------|----------|
| -----                        |        |      |          |        |          |          |
| Internal Standards           |        |      |          |        |          |          |
| 1) Fluorobenzene             | 6.104  | 96   | 40701    | 1.000  | ug/l     | # 0.00   |
| System Monitoring Compounds  |        |      |          |        |          |          |
| 57) 4-Bromofluorobenzene     | 10.628 | 95   | 15716    | 1.145  | ug/l     | 0.00     |
| Spiked Amount 1.000          |        |      | Recovery | =      | 115.000% |          |
| 68) 1,2-Dichlorobenzene-d4   | 12.187 | 152  | 16406    | 1.113  | ug/l     | 0.00     |
| Spiked Amount 1.000          |        |      | Recovery | =      | 111.000% |          |
| Target Compounds             |        |      |          |        |          |          |
|                              |        |      |          |        |          | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.384  | 85   | 75496    | 5.177  | ug/l     | 96       |
| 3) Chloromethane             | 1.519  | 50   | 129705   | 7.392  | ug/l     | 97       |
| 4) Vinyl Chloride            | 1.602  | 62   | 132388   | 7.797  | ug/l     | 99       |
| 5) Bromomethane              | 1.853  | 94   | 85199    | 8.247  | ug/l     | 99       |
| 6) Chloroethane              | 1.927  | 64   | 86377    | 8.460  | ug/l     | 97       |
| 7) Trichlorofluoromethane    | 2.133  | 101  | 163164   | 8.502  | ug/l     | 99       |
| 8) 1,1,2-Trichloro-1,2,2-... | 2.576  | 101  | 102680   | 9.577  | ug/l     | 99       |
| 9) 1,1-Dichloroethene        | 2.573  | 96   | 106349   | 9.733  | ug/l     | 95       |
| 10) Iodomethane              | 2.715  | 142  | 127911   | 9.609  | ug/l     | 99       |
| 11) Allyl Chloride           | 2.914  | 41   | 163203   | 10.326 | ug/l     | 96       |
| 12) Acrylonitrile            | 3.313  | 53   | 151318   | 49.197 | ug/l     | 97       |
| 13) Acetone                  | 2.631  | 43   | 93618    | 32.342 | ug/l     | 98       |
| 14) Carbon Disulfide         | 2.785  | 76   | 340895   | 8.833  | ug/l     | 100      |
| 15) Methylene Chloride       | 3.036  | 84   | 131465   | 8.619  | ug/l     | 99       |
| 16) trans-1,2-Dichloroethene | 3.342  | 96   | 112716   | 9.353  | ug/l     | 97       |
| 17) 1,1-Dichloroethane       | 3.856  | 63   | 229270   | 9.912  | ug/l     | 99       |
| 18) 2-Butanone               | 4.718  | 43   | 169334   | 39.781 | ug/l     | 99       |
| 19) Cyclohexane              | 5.367  | 56   | 189919m  | 9.083  | ug/l     |          |
| 20) Methylcyclohexane        | 6.750  | 83   | 162428   | 9.857  | ug/l     | 100      |
| 21) 2,2-Dichloropropane      | 4.650  | 77   | 151935   | 8.832  | ug/l     | 99       |
| 22) cis-1,2-Dichloroethene   | 4.654  | 96   | 133139   | 10.264 | ug/l     | 98       |
| 23) Diethyl Ether            | 2.374  | 59   | 85439    | 9.134  | ug/l     | 99       |
| 24) tert-Butyl Alcohol       | 3.213  | 59   | 53660    | 50.086 | ug/l     | 100      |
| 25) Methyl tert-Butyl Ether  | 3.361  | 73   | 284457   | 10.142 | ug/l     | 99       |
| 26) Bromochloromethane       | 4.965  | 128  | 54507    | 10.443 | ug/l     | 96       |
| 27) Chloroform               | 5.078  | 83   | 221343   | 9.871  | ug/l     | 97       |
| 28) 1,1,1-Trichloroethane    | 5.300  | 97   | 178724   | 9.671  | ug/l     | 99       |
| 29) 1,1-Dichloropropene      | 5.509  | 75   | 140272   | 9.358  | ug/l     | 100      |
| 30) Carbon Tetrachloride     | 5.506  | 117  | 143873   | 9.595  | ug/l     | 98       |
| 31) Isopropyl Ether          | 3.994  | 45   | 366163   | 10.521 | ug/l     | # 1      |
| 34) Propionitrile            | 4.789  | 54   | 119136   | 98.219 | ug/l     | 99       |
| 35) Benzene                  | 5.760  | 78   | 467134   | 10.034 | ug/l     | 100      |
| 36) 1,2-Dichloroethane       | 5.789  | 62   | 124837   | 9.286  | ug/l     | 98       |
| 37) Trichloroethene          | 6.531  | 130  | 104193   | 9.076  | ug/l     | 96       |
| 38) 1,2-Dichloropropane      | 6.785  | 63   | 122407   | 9.452  | ug/l     | 99       |
| 39) Methacrylonitrile        | 4.975  | 41   | 44838    | 9.627  | ug/l     | 98       |
| 40) Methyl acrylate          | 4.850  | 55   | 76511    | 10.001 | ug/l     | 99       |
| 41) Tetrahydrofuran          | 5.065  | 42   | 116468   | 48.132 | ug/l     | 99       |
| 42) 1-Chlorobutane           | 5.441  | 56   | 208571   | 9.877  | ug/l     | 98       |
| 43) Dibromomethane           | 6.911  | 93   | 66468    | 10.364 | ug/l     | 99       |
| 44) Bromodichloromethane     | 7.100  | 83   | 157731   | 10.290 | ug/l     | 99       |
| 45) 4-Methyl-2-Pentanone     | 7.798  | 43   | 362587   | 56.184 | ug/l     | 99       |
| 46) t-1,4-Dichloro-2-butene  | 10.830 | 75   | 28995m   | 10.762 | ug/l     |          |

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 Operator : MD/SY  
 Sample : VSTDICV010  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 10 Sample Multiplier: 1

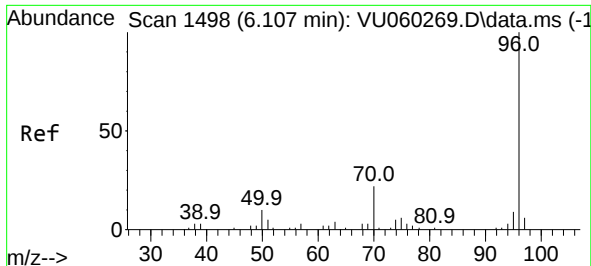
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 ICVVU073024

Quant Time: Jul 31 04:54:54 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\524U073024DW.M  
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER  
 QLast Update : Wed Jul 31 04:49:33 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 47) Methyl methacrylate       | 6.965  | 69   | 55032    | 9.819  | ug/l  | 98       |
| 48) Ethyl methacrylate        | 8.335  | 69   | 111343   | 9.895  | ug/l  | 100      |
| 49) Toluene                   | 7.962  | 92   | 285415   | 11.050 | ug/l  | 100      |
| 50) t-1,3-Dichloropropene     | 8.206  | 75   | 132440   | 10.255 | ug/l  | 99       |
| 51) cis-1,3-Dichloropropene   | 7.602  | 75   | 151531   | 9.842  | ug/l  | 99       |
| 52) 1,1,2-Trichloroethane     | 8.396  | 97   | 90652    | 9.785  | ug/l  | 98       |
| 53) 1,3-Dichloropropane       | 8.570  | 76   | 153030   | 10.045 | ug/l  | 99       |
| 54) 2-Hexanone                | 8.689  | 43   | 256191   | 53.187 | ug/l  | 99       |
| 55) Dibromochloromethane      | 8.804  | 129  | 106717   | 10.489 | ug/l  | 99       |
| 56) 1,2-Dibromoethane         | 8.920  | 107  | 85490    | 10.228 | ug/l  | 100      |
| 58) Tetrachloroethene         | 8.547  | 164  | 112111   | 10.304 | ug/l  | 99       |
| 59) Chlorobenzene             | 9.441  | 112  | 298730   | 10.775 | ug/l  | 99       |
| 60) 1,1,1,2-Tetrachloroethane | 9.528  | 131  | 103482   | 9.705  | ug/l  | 99       |
| 61) Pentachloroethane         | 11.422 | 117  | 87238    | 10.317 | ug/l  | 100      |
| 62) Hexachloroethane          | 12.470 | 117  | 88974    | 10.576 | ug/l  | 99       |
| 63) Ethyl Benzene             | 9.567  | 91   | 515963   | 9.666  | ug/l  | 99       |
| 64) m/p-Xylenes               | 9.689  | 106  | 426213   | 19.788 | ug/l  | 100      |
| 65) o-Xylene                  | 10.097 | 106  | 192290   | 9.596  | ug/l  | 98       |
| 66) Styrene                   | 10.110 | 104  | 354504   | 10.205 | ug/l  | 99       |
| 67) Bromoform                 | 10.284 | 173  | 62736    | 10.461 | ug/l  | 98       |
| 69) Isopropylbenzene          | 10.480 | 105  | 520744   | 10.016 | ug/l  | 100      |
| 70) 1,1,2,2-Tetrachloroethane | 10.775 | 83   | 123063   | 9.910  | ug/l  | 98       |
| 71) 1,2,3-Trichloropropane    | 10.817 | 75   | 89615m   | 9.895  | ug/l  |          |
| 72) Bromobenzene              | 10.775 | 156  | 125501   | 11.159 | ug/l  | 99       |
| 73) n-propylbenzene           | 10.901 | 120  | 140572   | 9.754  | ug/l  | 100      |
| 74) 2-Chlorotoluene           | 10.981 | 126  | 130603   | 11.622 | ug/l  | 100      |
| 75) 1,3,5-Trimethylbenzene    | 11.084 | 105  | 461468   | 10.000 | ug/l  | 99       |
| 76) 4-Chlorotoluene           | 11.091 | 126  | 138451   | 10.101 | ug/l  | 100      |
| 77) tert-Butylbenzene         | 11.415 | 119  | 420849   | 9.986  | ug/l  | 99       |
| 78) 1,2,4-Trimethylbenzene    | 11.464 | 105  | 465615   | 9.895  | ug/l  | 99       |
| 79) sec-Butylbenzene          | 11.637 | 105  | 582488   | 9.881  | ug/l  | 99       |
| 80) Nitrobenzene              | 13.209 | 77   | 6592m    | 11.294 | ug/l  |          |
| 81) p-Isopropyltoluene        | 11.788 | 119  | 475617   | 9.994  | ug/l  | 99       |
| 82) 1,3-Dichlorobenzene       | 11.740 | 146  | 253240   | 11.122 | ug/l  | 99       |
| 83) 1,4-Dichlorobenzene       | 11.830 | 146  | 256259   | 11.309 | ug/l  | 99       |
| 84) n-Butylbenzene            | 12.203 | 91   | 428381   | 9.975  | ug/l  | 99       |
| 85) 1,2-Dichlorobenzene       | 12.206 | 146  | 245903   | 11.124 | ug/l  | 99       |
| 86) 1,2-Dibromo-3-Chloropr... | 12.991 | 75   | 17747    | 10.131 | ug/l  | 98       |
| 87) 1,2,4-Trichlorobenzene    | 13.836 | 180  | 145510   | 12.566 | ug/l  | 98       |
| 88) Hexachlorobutadiene       | 14.017 | 225  | 78784    | 10.340 | ug/l  | 99       |
| 89) Naphthalene               | 14.081 | 128  | 258202   | 10.422 | ug/l  | 99       |
| 90) 1,2,3-Trichlorobenzene    | 14.325 | 180  | 138477   | 10.177 | ug/l  | 99       |

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

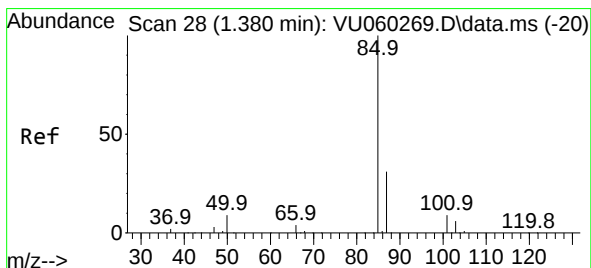
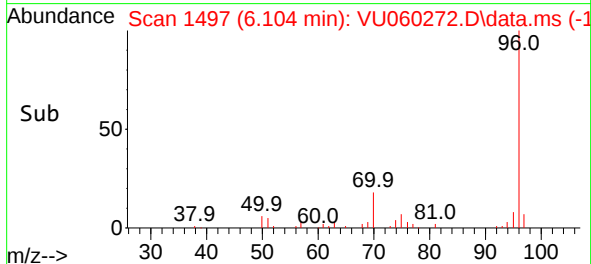
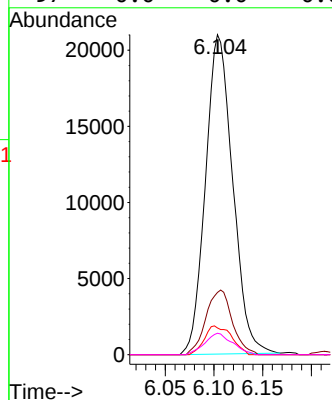
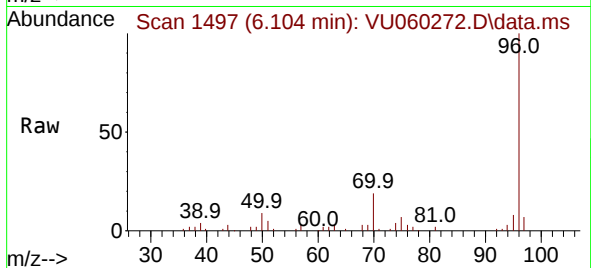




#1  
Fluorobenzene  
Concen: 1.000 ug/l  
RT: 6.104 min Scan# 14  
Delta R.T. -0.003 min  
Lab File: VU060272.D  
Acq: 30 Jul 2024 19:27

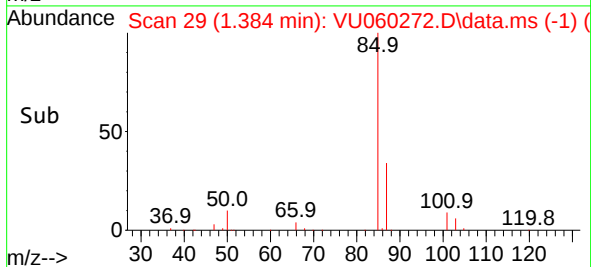
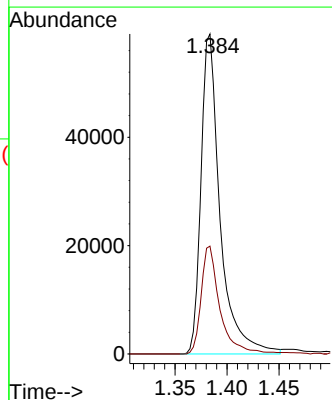
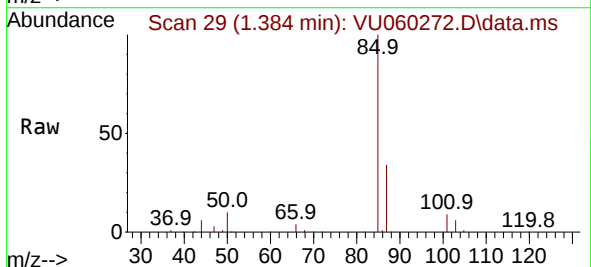
Instrument :  
MSVOA\_U  
ClientSampleId :  
ICVVU073024

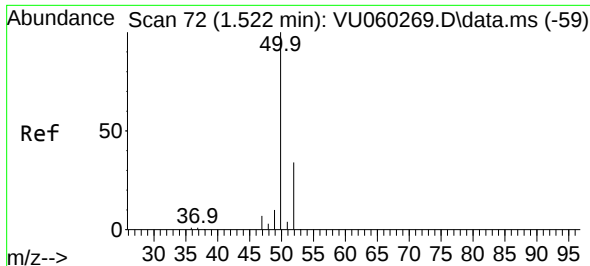
|             |             |
|-------------|-------------|
| Tgt Ion: 96 | Resp: 40701 |
| Ion Ratio   | Lower Upper |
| 96 100      |             |
| 70 19.6     | 17.0 25.4   |
| 95 8.9      | 7.6 11.4    |
| 97 0.0      | 0.0 0.0     |



#2  
Dichlorodifluoromethane  
Concen: 5.177 ug/l  
RT: 1.384 min Scan# 29  
Delta R.T. 0.003 min  
Lab File: VU060272.D  
Acq: 30 Jul 2024 19:27

|             |             |
|-------------|-------------|
| Tgt Ion: 85 | Resp: 75496 |
| Ion Ratio   | Lower Upper |
| 85 100      |             |
| 87 33.7     | 15.7 47.1   |

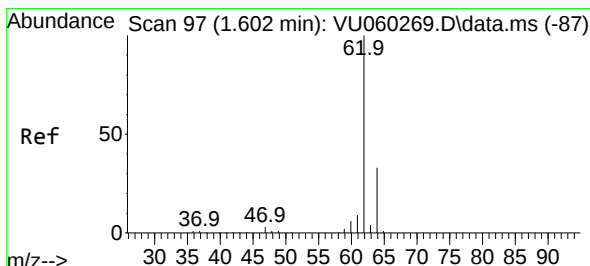
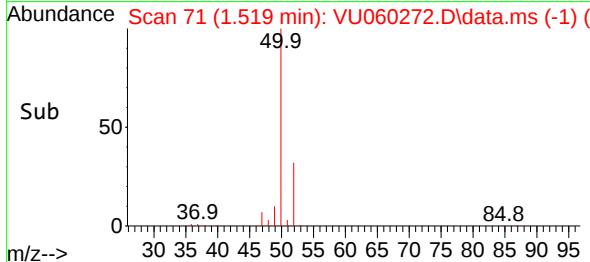
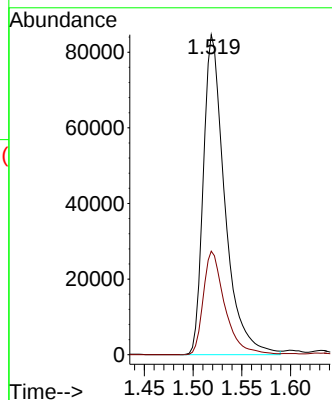
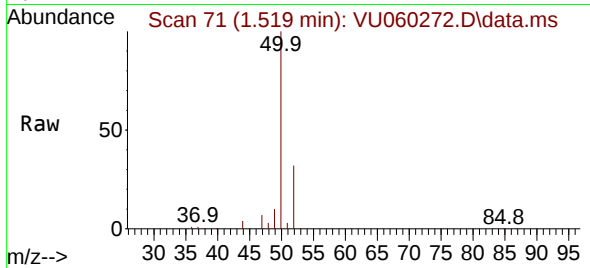




#3  
Chloromethane  
Concen: 7.392 ug/l  
RT: 1.519 min Scan# 71  
Delta R.T. -0.003 min  
Lab File: VU060272.D  
Acq: 30 Jul 2024 19:27

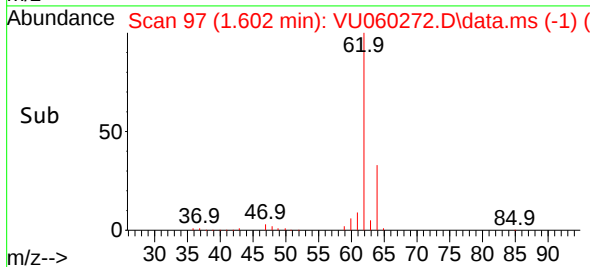
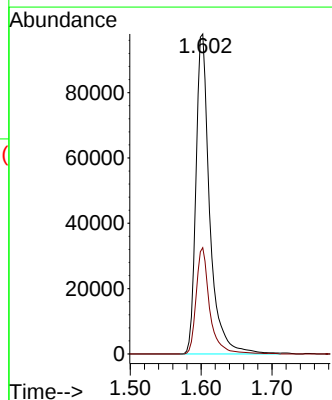
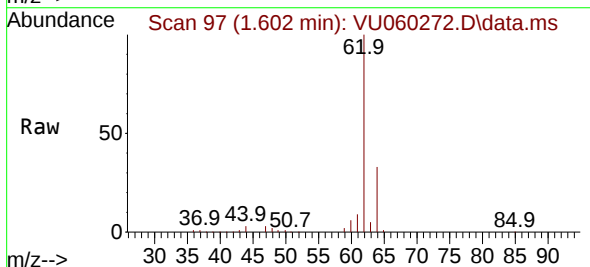
Instrument :  
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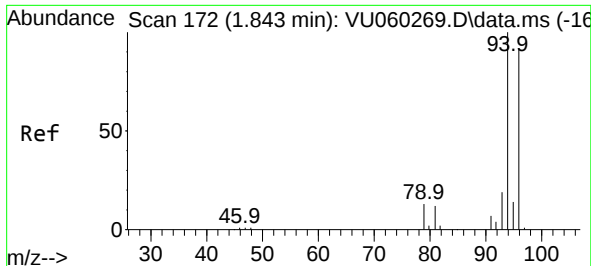
Tgt Ion: 50 Resp: 129705  
Ion Ratio Lower Upper  
50 100  
52 32.3 27.2 40.8



#4  
Vinyl Chloride  
Concen: 7.797 ug/l  
RT: 1.602 min Scan# 97  
Delta R.T. -0.000 min  
Lab File: VU060272.D  
Acq: 30 Jul 2024 19:27

Tgt Ion: 62 Resp: 132388  
Ion Ratio Lower Upper  
62 100  
64 33.2 26.2 39.2

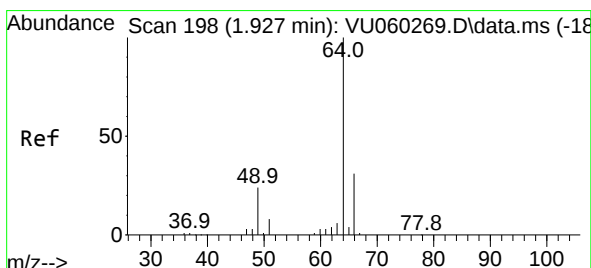
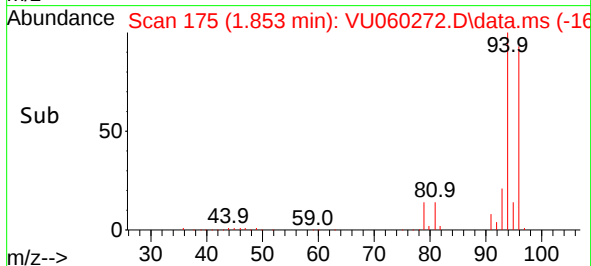
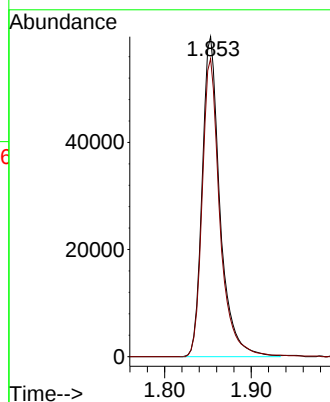
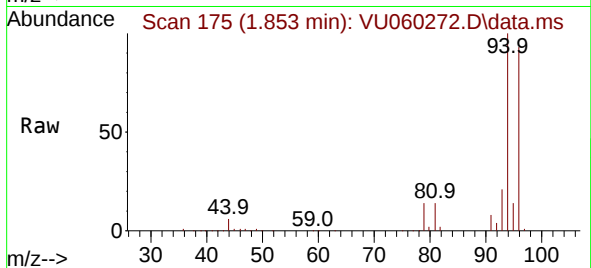




#5  
Bromomethane  
Concen: 8.247 ug/l  
RT: 1.853 min Scan# 175  
Delta R.T. 0.010 min  
Lab File: VU060272.D  
Acq: 30 Jul 2024 19:27

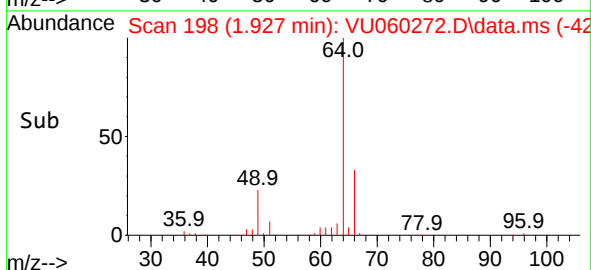
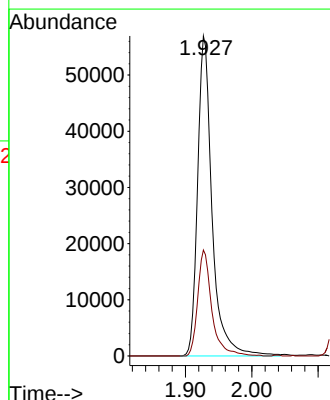
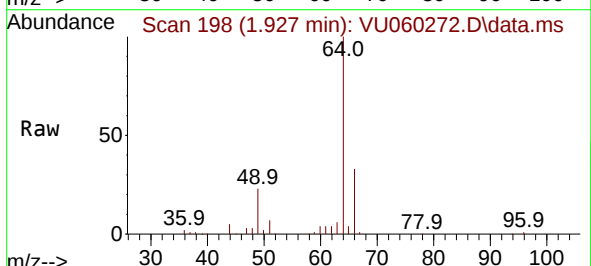
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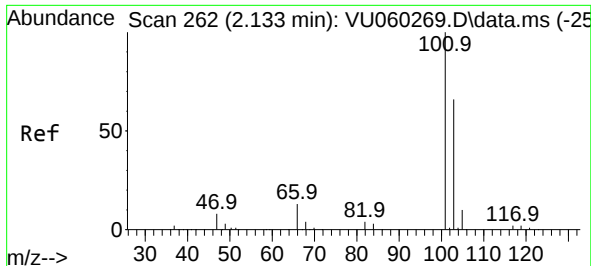
Tgt Ion: 94 Resp: 85199  
Ion Ratio Lower Upper  
94 100  
96 93.1 73.8 110.8



#6  
Chloroethane  
Concen: 8.460 ug/l  
RT: 1.927 min Scan# 198  
Delta R.T. -0.000 min  
Lab File: VU060272.D  
Acq: 30 Jul 2024 19:27

Tgt Ion: 64 Resp: 86377  
Ion Ratio Lower Upper  
64 100  
66 33.1 25.0 37.6

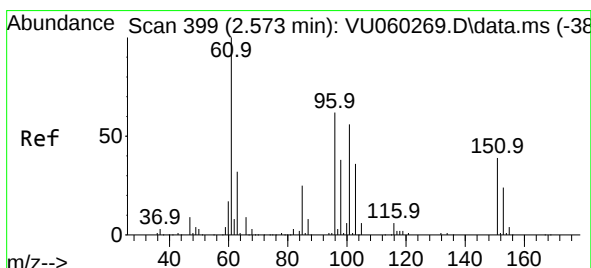
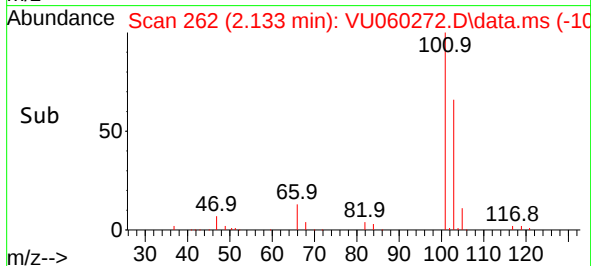
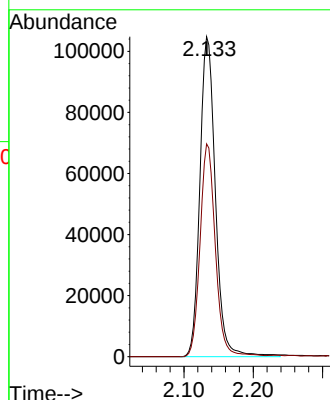
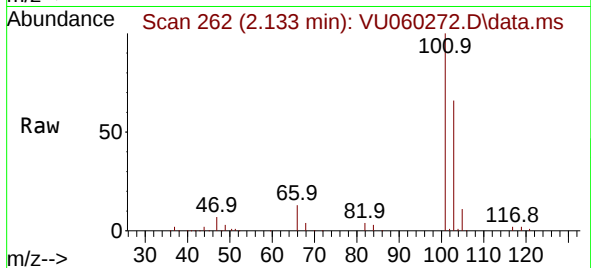




#7  
 Trichlorofluoromethane  
 Concen: 8.502 ug/l  
 RT: 2.133 min Scan# 20  
 Delta R.T. 0.000 min  
 Lab File: VU060272.D  
 Acq: 30 Jul 2024 19:27

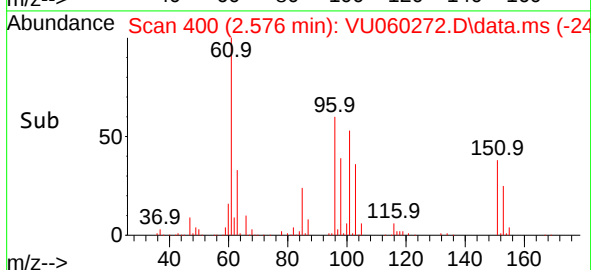
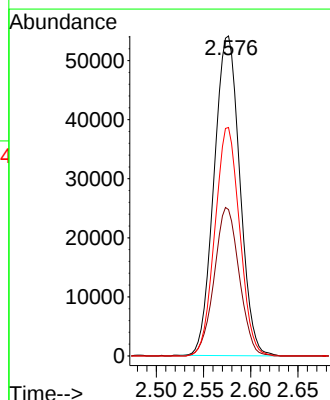
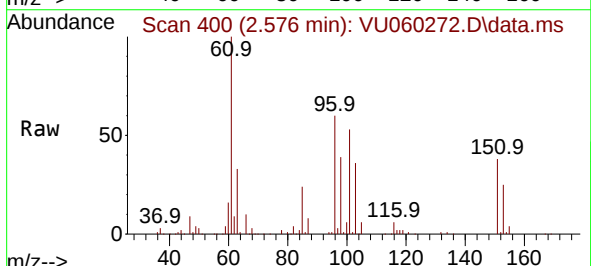
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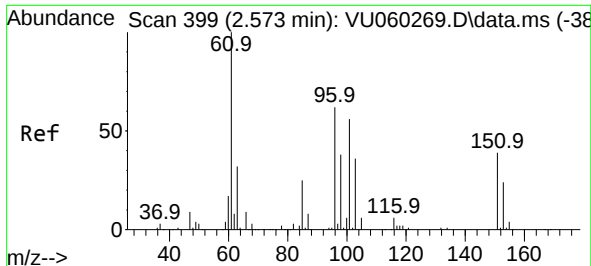
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 Ion Ratio Lower Upper  
 101 100  
 103 66.5 52.6 78.8



#8  
 1,1,2-Trichloro-1,2,2-trifluoroethane  
 Concen: 9.577 ug/l  
 RT: 2.576 min Scan# 400  
 Delta R.T. 0.003 min  
 Lab File: VU060272.D  
 Acq: 30 Jul 2024 19:27

Tgt Ion:101 Resp: 102680  
 Ion Ratio Lower Upper  
 101 100  
 85 45.1 35.7 53.5  
 151 68.7 56.0 84.0





#9

1,1-Dichloroethene

Concen: 9.733 ug/l

RT: 2.573 min Scan# 399

Delta R.T. 0.000 min

Lab File: VU060272.D

Acq: 30 Jul 2024 19:27

Instrument :

MSVOA\_U

ClientSampleId :

ICVVU073024

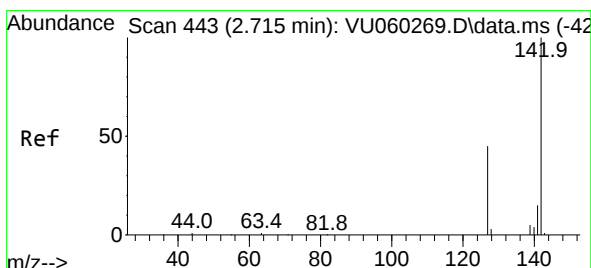
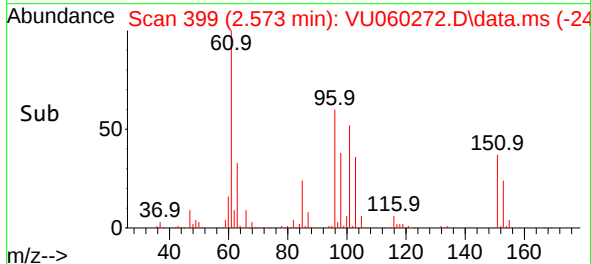
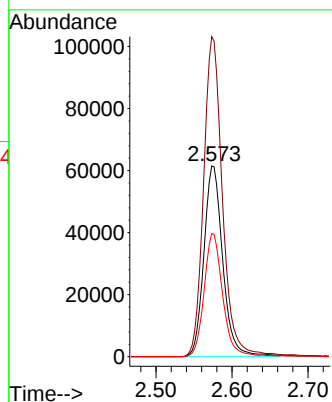
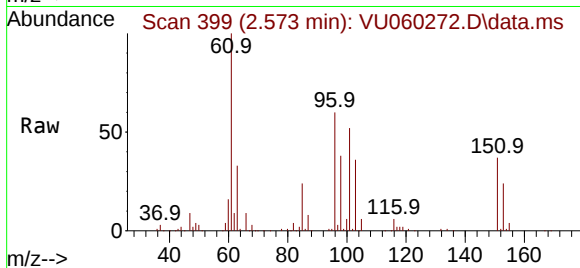
Tgt Ion: 96 Resp: 106349

Ion Ratio Lower Upper

96 100

61 167.8 0.0 482.4

98 64.5 0.0 121.4



#10

Iodomethane

Concen: 9.609 ug/l

RT: 2.715 min Scan# 443

Delta R.T. 0.000 min

Lab File: VU060272.D

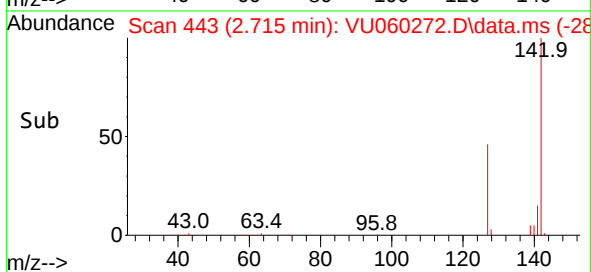
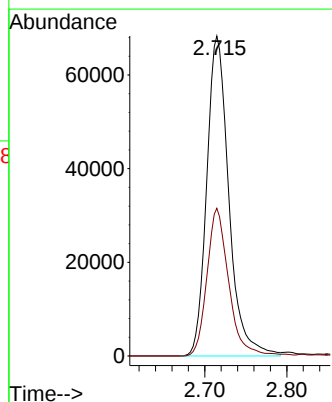
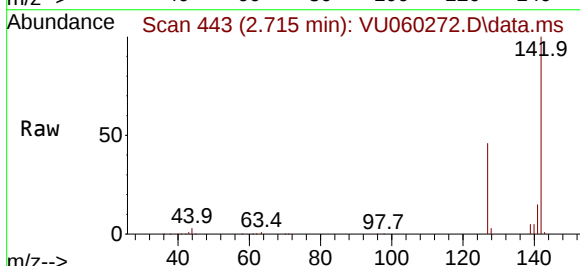
Acq: 30 Jul 2024 19:27

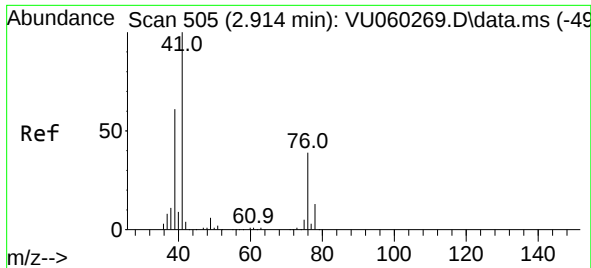
Tgt Ion: 142 Resp: 127911

Ion Ratio Lower Upper

142 100

127 45.7 36.1 54.1

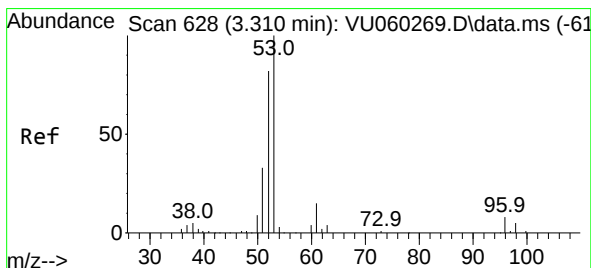
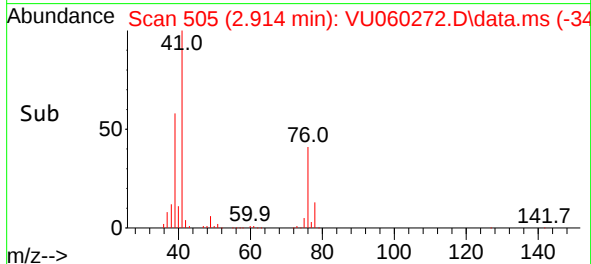
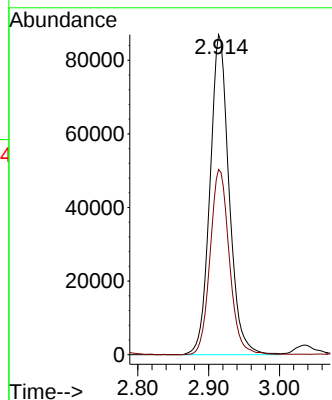
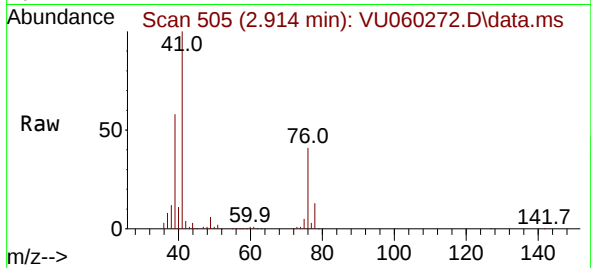




#11  
 Allyl Chloride  
 Concen: 10.326 ug/l  
 RT: 2.914 min Scan# 505  
 Delta R.T. 0.000 min  
 Lab File: VU060272.D  
 Acq: 30 Jul 2024 19:27

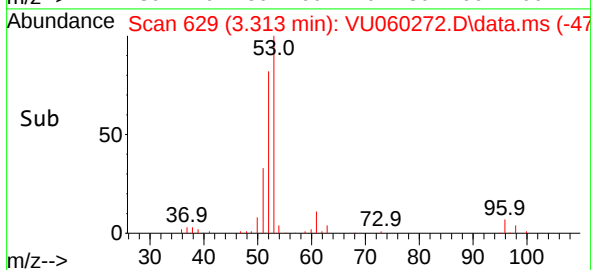
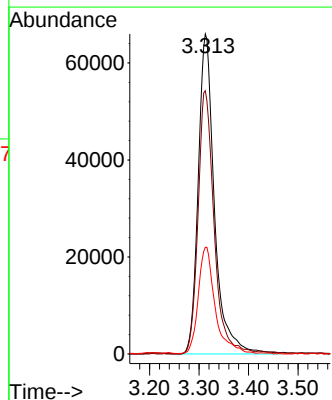
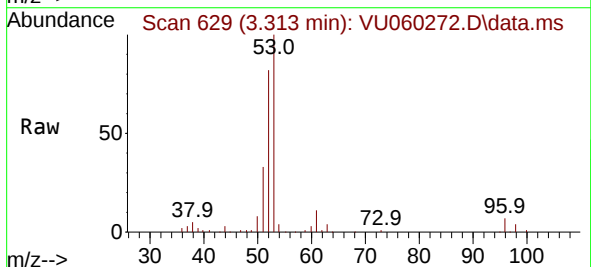
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 ICVVU073024

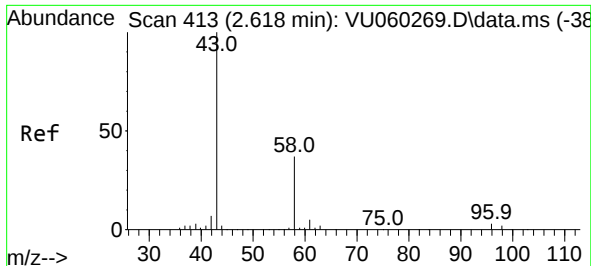
Tgt Ion: 41 Resp: 163203  
 Ion Ratio Lower Upper  
 41 100  
 39 58.1 49.0 73.6



#12  
 Acrylonitrile  
 Concen: 49.197 ug/l  
 RT: 3.313 min Scan# 629  
 Delta R.T. 0.003 min  
 Lab File: VU060272.D  
 Acq: 30 Jul 2024 19:27

Tgt Ion: 53 Resp: 151318  
 Ion Ratio Lower Upper  
 53 100  
 52 81.0 62.6 94.0  
 51 34.2 25.8 38.8





#13

Acetone

Concen: 32.342 ug/l

RT: 2.631 min Scan# 413

Delta R.T. 0.013 min

Lab File: VU060272.D

Acq: 30 Jul 2024 19:27

Instrument :

MSVOA\_U

ClientSampleId :

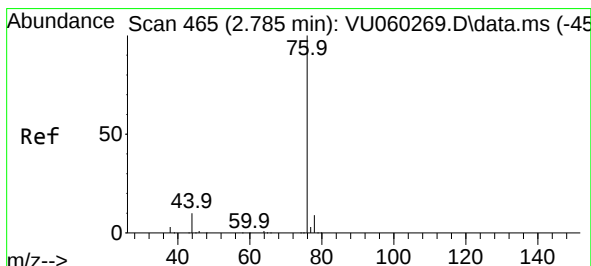
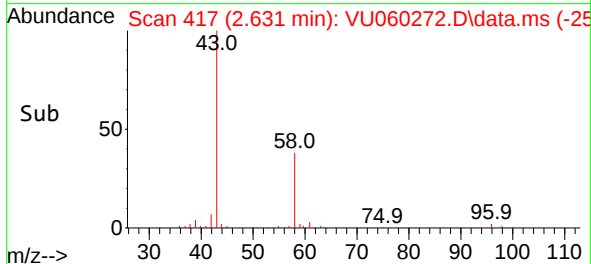
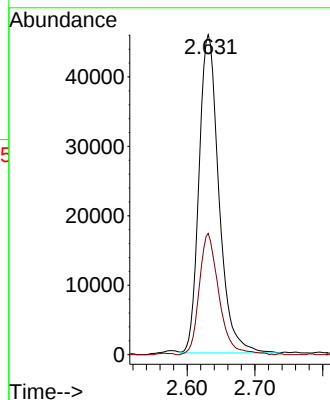
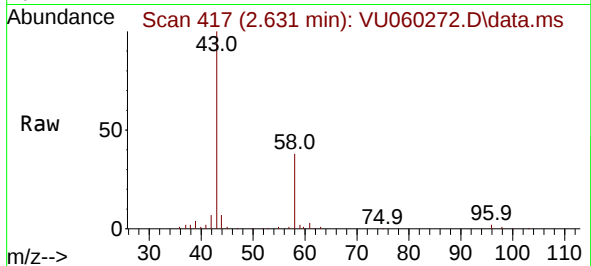
ICVVU073024

Tgt Ion: 43 Resp: 93618

Ion Ratio Lower Upper

43 100

58 38.1 29.6 44.4



#14

Carbon Disulfide

Concen: 8.833 ug/l

RT: 2.785 min Scan# 465

Delta R.T. -0.000 min

Lab File: VU060272.D

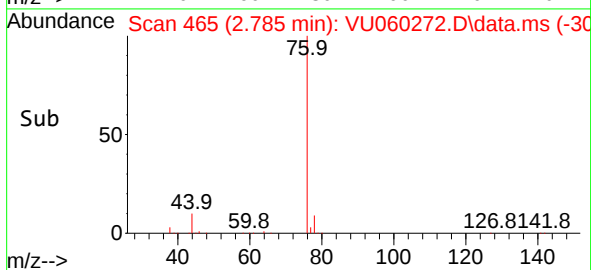
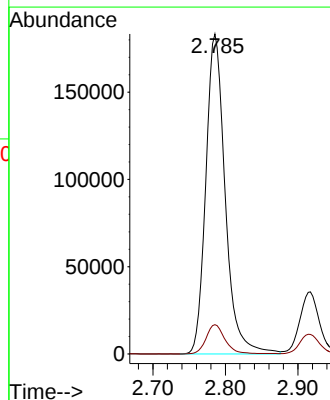
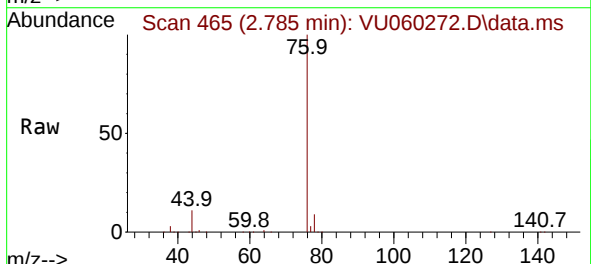
Acq: 30 Jul 2024 19:27

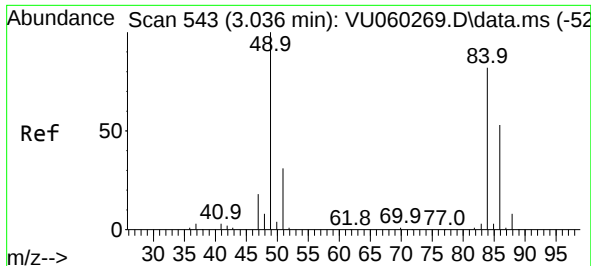
Tgt Ion: 76 Resp: 340895

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.0



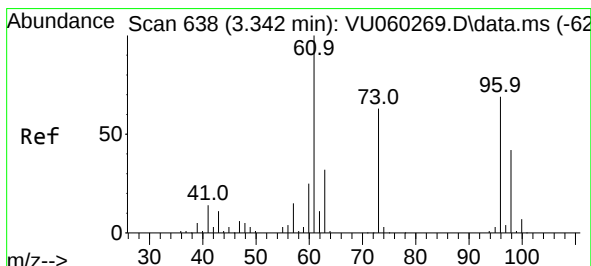
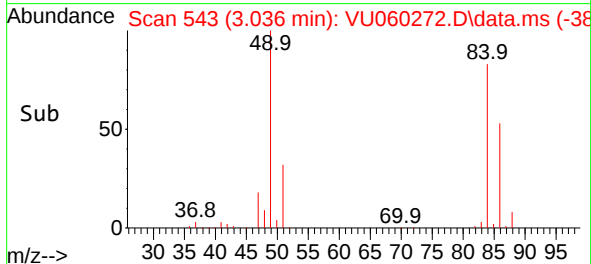
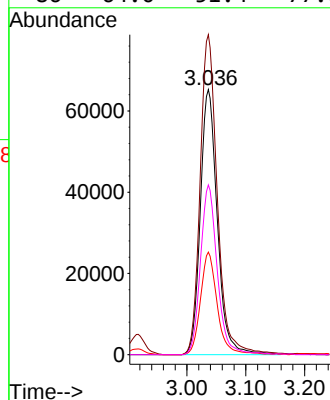
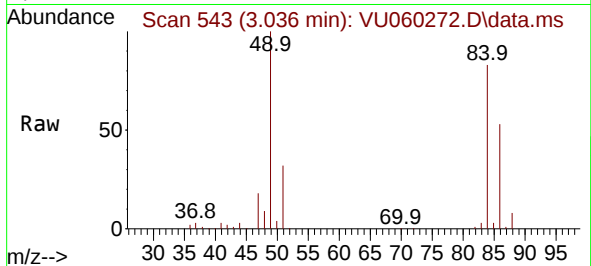


#15  
Methylene Chloride  
Concen: 8.619 ug/l  
RT: 3.036 min Scan# 543  
Delta R.T. 0.000 min  
Lab File: VU060272.D  
Acq: 30 Jul 2024 19:27

Instrument :  
MSVOA\_U  
ClientSampleId :  
ICVVU073024

Tgt Ion: 84 Resp: 131465

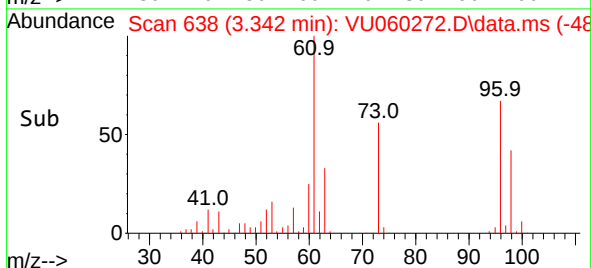
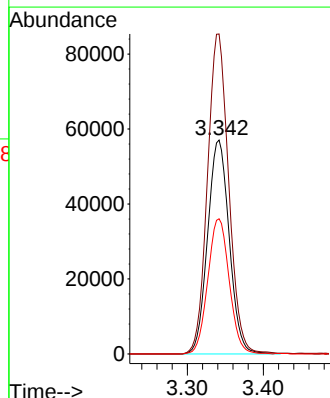
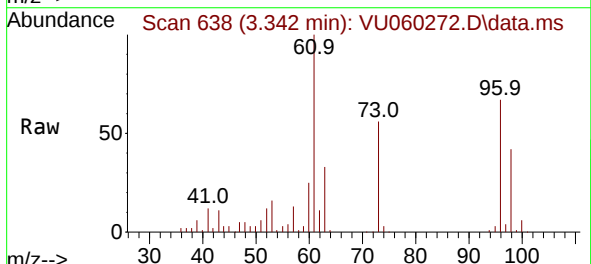
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 84  | 100   |       |       |
| 49  | 120.7 | 97.1  | 145.7 |
| 51  | 38.7  | 0.0   | 74.6  |
| 86  | 64.0  | 51.4  | 77.0  |

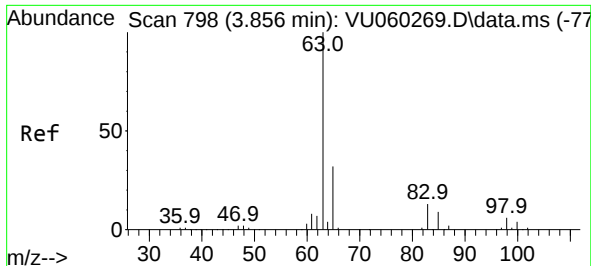


#16  
trans-1,2-Dichloroethene  
Concen: 9.353 ug/l  
RT: 3.342 min Scan# 638  
Delta R.T. -0.000 min  
Lab File: VU060272.D  
Acq: 30 Jul 2024 19:27

Tgt Ion: 96 Resp: 112716

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 149.6 | 116.2 | 174.4 |
| 98  | 63.2  | 49.2  | 73.8  |





#17

1,1-Dichloroethane

Concen: 9.912 ug/l

RT: 3.856 min Scan# 798

Delta R.T. 0.000 min

Lab File: VU060272.D

Acq: 30 Jul 2024 19:27

Instrument :

MSVOA\_U

ClientSampleId :

ICVVU073024

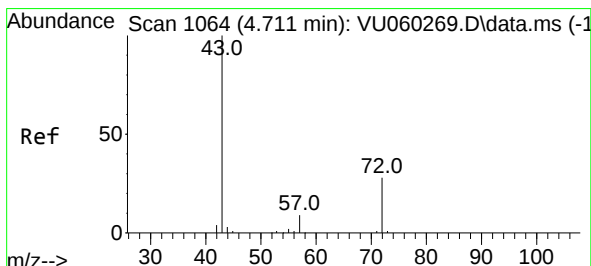
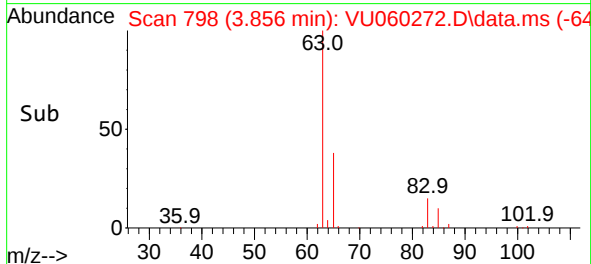
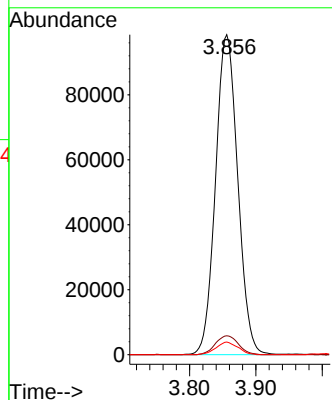
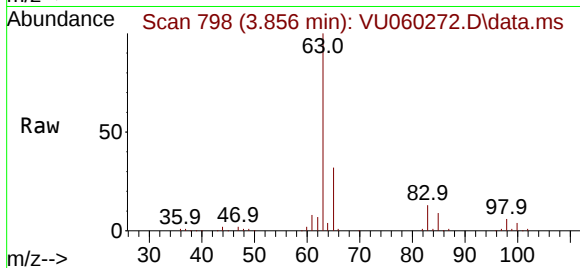
Tgt Ion: 63 Resp: 229270

Ion Ratio Lower Upper

63 100

98 5.9 3.1 9.3

100 4.0 1.8 5.5



#18

2-Butanone

Concen: 39.781 ug/l

RT: 4.718 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VU060272.D

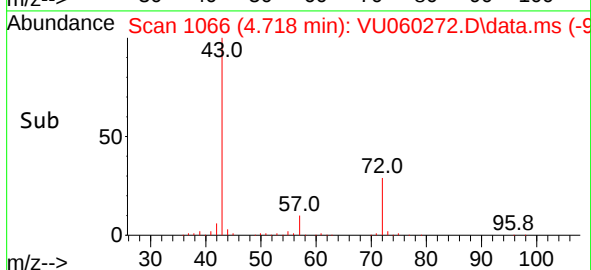
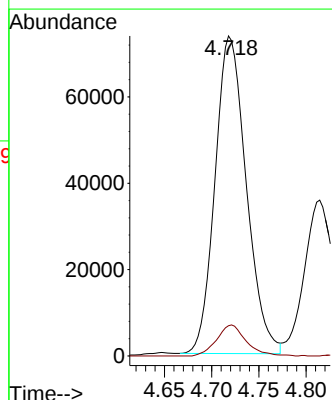
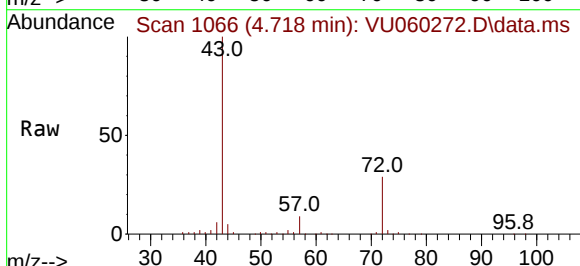
Acq: 30 Jul 2024 19:27

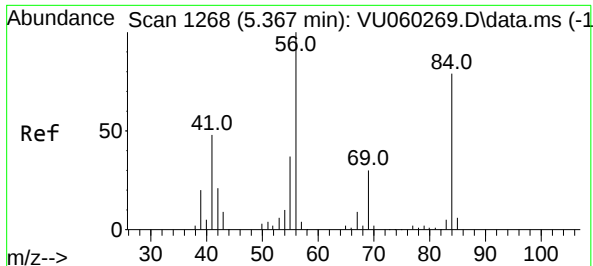
Tgt Ion: 43 Resp: 169334

Ion Ratio Lower Upper

43 100

57 9.5 0.0 18.2

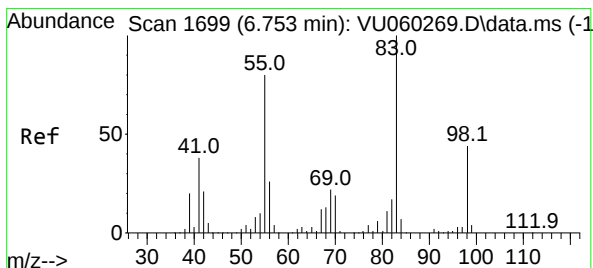
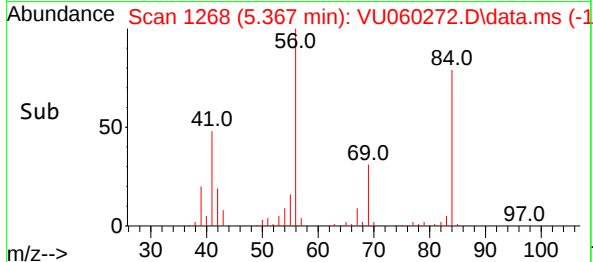
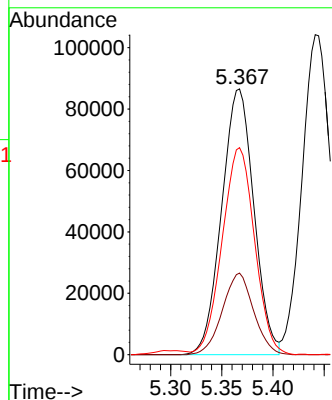
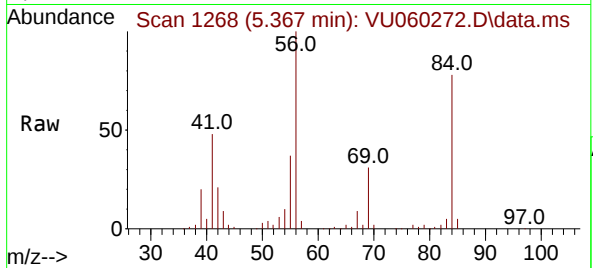




#19  
Cyclohexane  
Concen: 9.083 ug/l m  
RT: 5.367 min Scan# 1268  
Delta R.T. 0.000 min  
Lab File: VU060272.D  
Acq: 30 Jul 2024 19:27

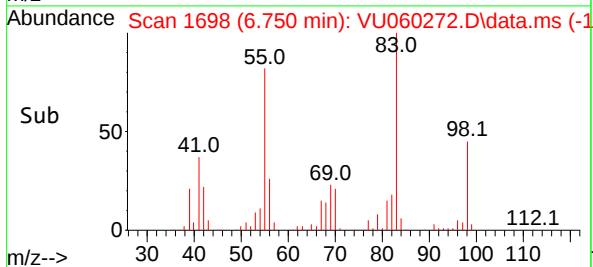
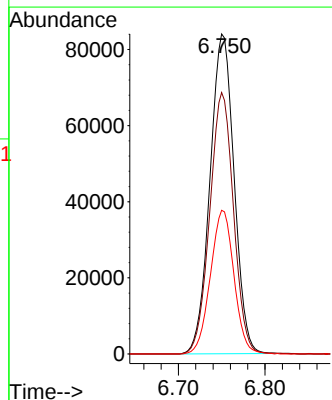
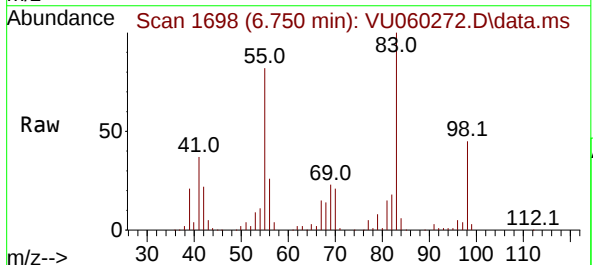
Instrument :  
MSVOA\_U  
ClientSampleId :  
ICVVU073024

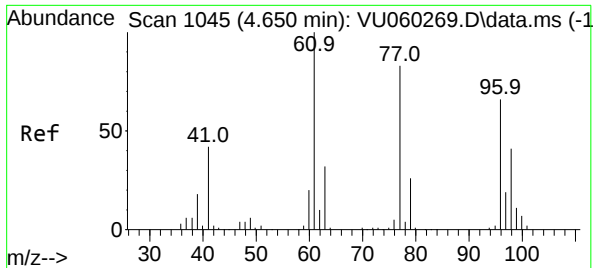
Tgt Ion: 56 Resp: 189919  
Ion Ratio Lower Upper  
56 100  
69 29.6 24.1 36.1  
84 77.0 63.7 95.5



#20  
Methylcyclohexane  
Concen: 9.857 ug/l  
RT: 6.750 min Scan# 1698  
Delta R.T. -0.003 min  
Lab File: VU060272.D  
Acq: 30 Jul 2024 19:27

Tgt Ion: 83 Resp: 162428  
Ion Ratio Lower Upper  
83 100  
55 80.2 64.2 96.2  
98 44.0 35.6 53.4





#21

2,2-Dichloropropane

Concen: 8.832 ug/l

RT: 4.650 min Scan# 1045

Delta R.T. 0.000 min

Lab File: VU060272.D

Acq: 30 Jul 2024 19:27

Instrument :

MSVOA\_U

ClientSampleId :

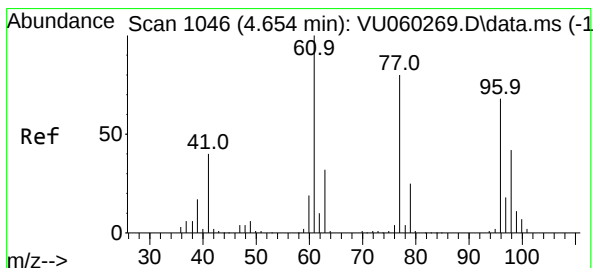
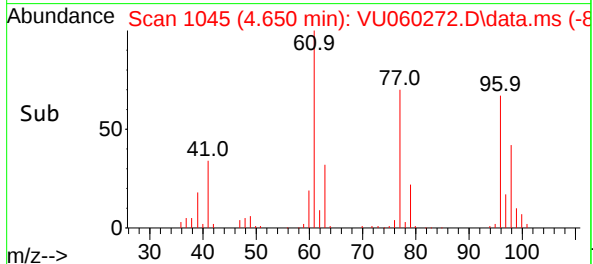
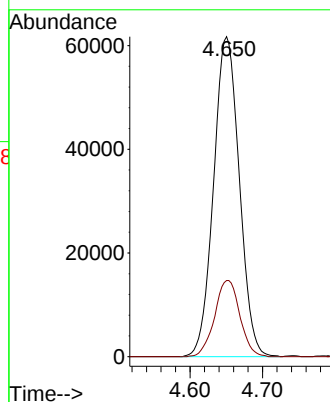
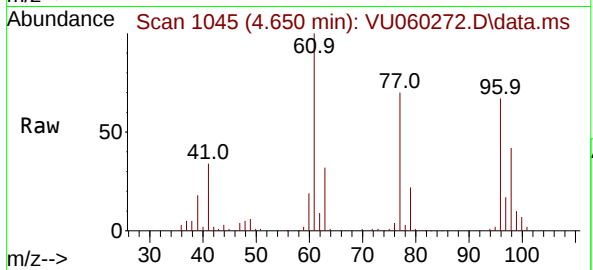
ICVVU073024

Tgt Ion: 77 Resp: 151935

Ion Ratio Lower Upper

77 100

97 23.4 18.2 27.4



#22

cis-1,2-Dichloroethene

Concen: 10.264 ug/l

RT: 4.654 min Scan# 1046

Delta R.T. 0.000 min

Lab File: VU060272.D

Acq: 30 Jul 2024 19:27

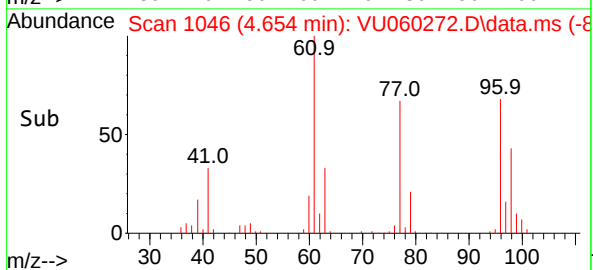
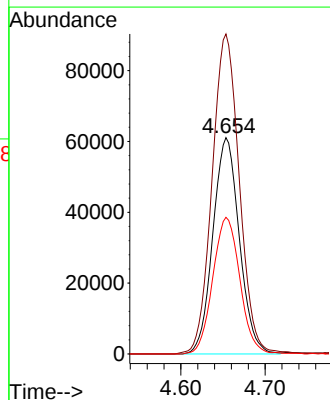
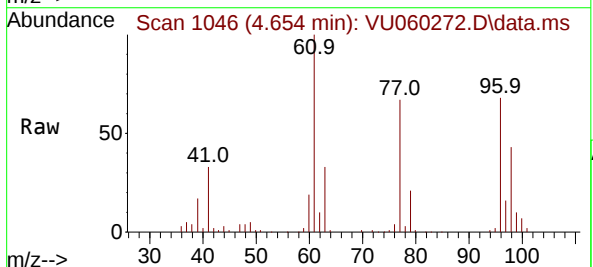
Tgt Ion: 96 Resp: 133139

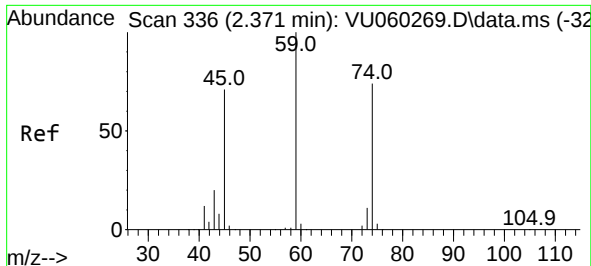
Ion Ratio Lower Upper

96 100

61 152.3 0.0 375.0

98 64.8 31.9 95.5

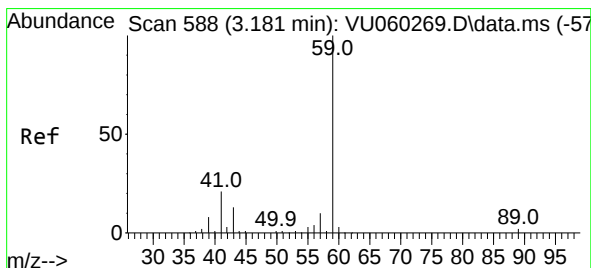
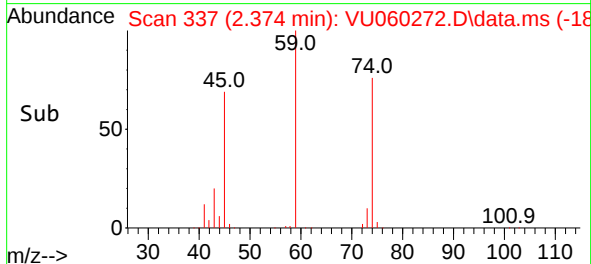
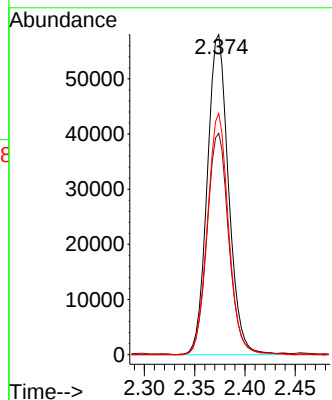
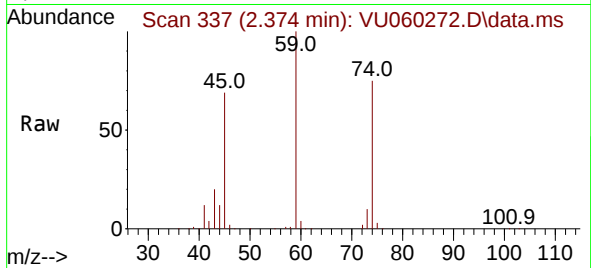




#23  
Diethyl Ether  
Concen: 9.134 ug/l  
RT: 2.374 min Scan# 31  
Delta R.T. 0.003 min  
Lab File: VU060272.D  
Acq: 30 Jul 2024 19:27

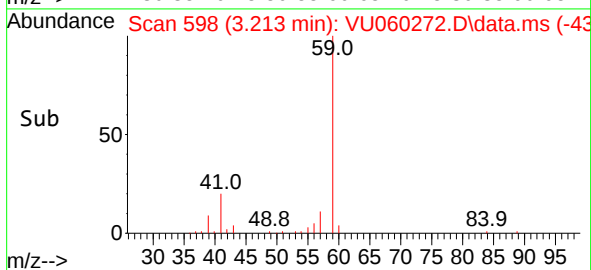
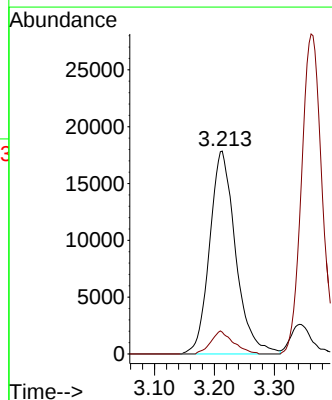
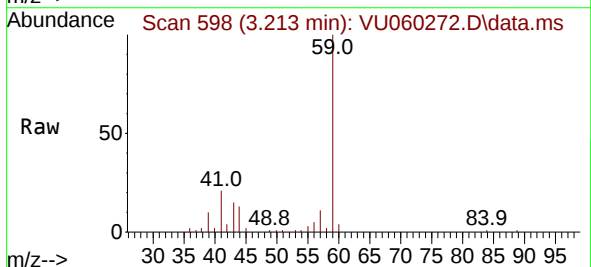
Instrument :  
MSVOA\_U  
ClientSampleId :  
ICVVU073024

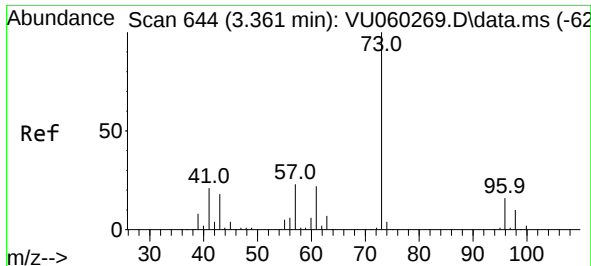
Tgt Ion: 59 Resp: 85439  
Ion Ratio Lower Upper  
59 100  
45 70.8 55.8 83.8  
74 74.8 59.0 88.6



#24  
tert-Butyl Alcohol  
Concen: 50.086 ug/l  
RT: 3.213 min Scan# 598  
Delta R.T. 0.032 min  
Lab File: VU060272.D  
Acq: 30 Jul 2024 19:27

Tgt Ion: 59 Resp: 53660  
Ion Ratio Lower Upper  
59 100  
57 9.8 7.8 11.8

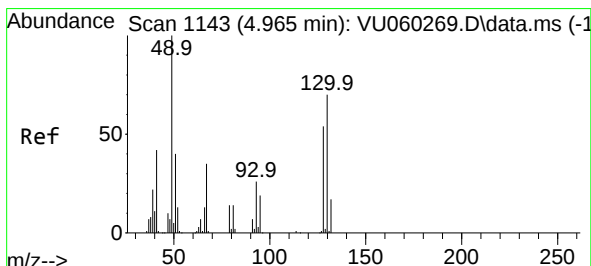
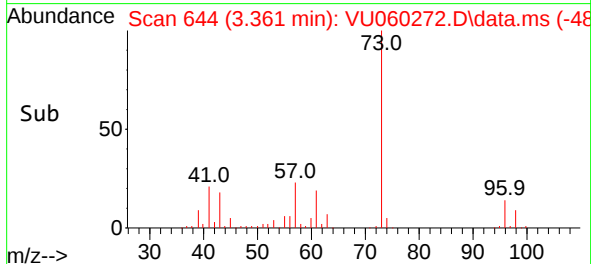
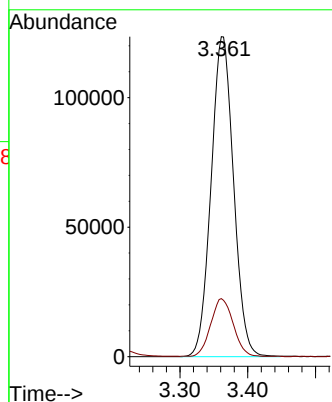
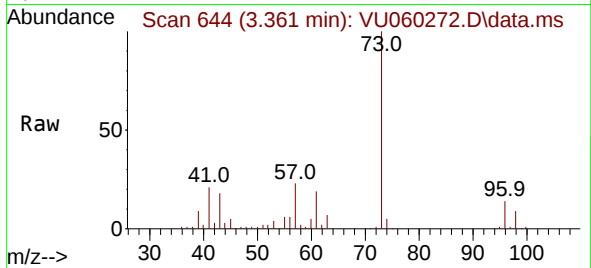




#25  
Methyl tert-Butyl Ether  
Concen: 10.142 ug/l  
RT: 3.361 min Scan# 644  
Delta R.T. 0.000 min  
Lab File: VU060272.D  
Acq: 30 Jul 2024 19:27

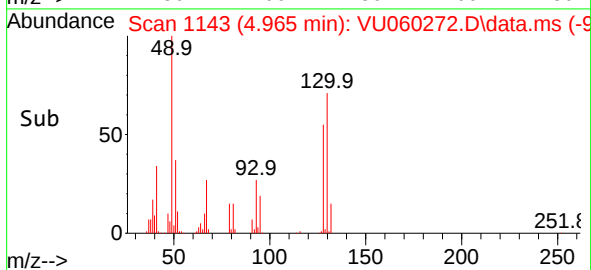
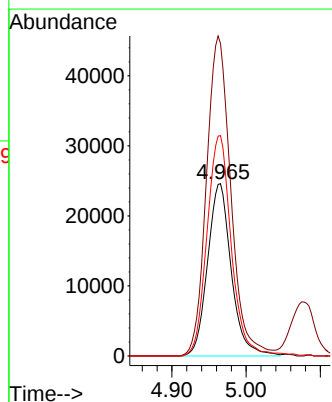
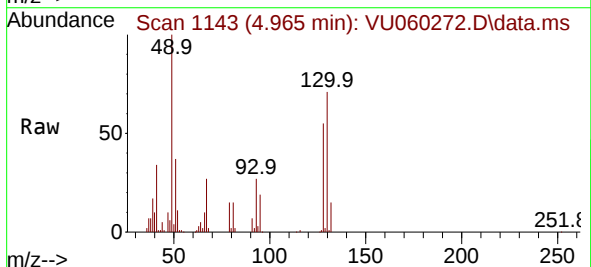
Instrument :  
MSVOA\_U  
ClientSampleId :  
ICVVU073024

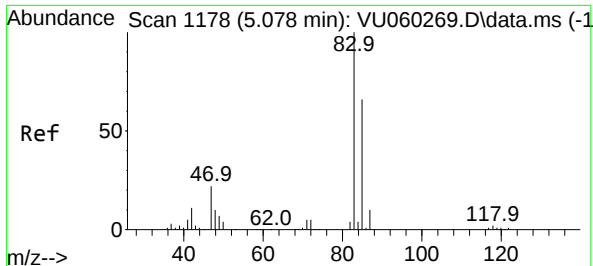
Tgt Ion: 73 Resp: 284457  
Ion Ratio Lower Upper  
73 100  
43 18.1 14.2 21.4



#26  
Bromochloromethane  
Concen: 10.443 ug/l  
RT: 4.965 min Scan# 1143  
Delta R.T. 0.000 min  
Lab File: VU060272.D  
Acq: 30 Jul 2024 19:27

Tgt Ion: 128 Resp: 54507  
Ion Ratio Lower Upper  
128 100  
49 190.8 0.0 372.2  
130 131.8 101.0 151.6





#27

Chloroform

Concen: 9.871 ug/l

RT: 5.078 min Scan# 1178

Delta R.T. 0.000 min

Lab File: VU060272.D

Acq: 30 Jul 2024 19:27

Instrument :

MSVOA\_U

ClientSampleId :

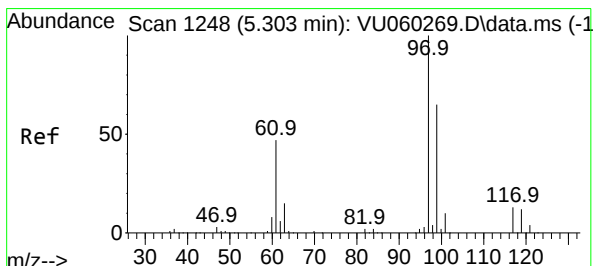
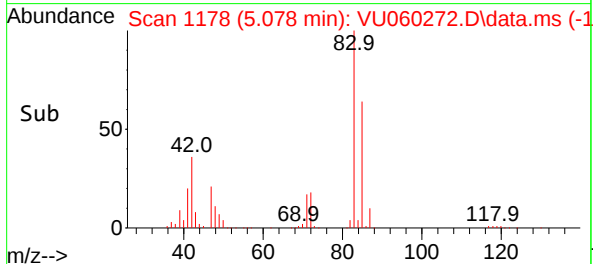
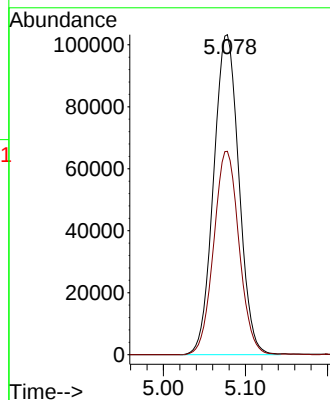
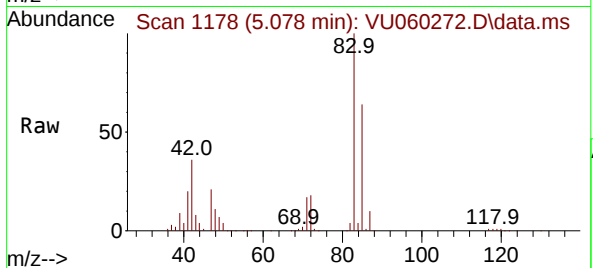
ICVVU073024

Tgt Ion: 83 Resp: 221343

Ion Ratio Lower Upper

83 100

85 63.5 0.0 131.4



#28

1,1,1-Trichloroethane

Concen: 9.671 ug/l

RT: 5.300 min Scan# 1247

Delta R.T. -0.003 min

Lab File: VU060272.D

Acq: 30 Jul 2024 19:27

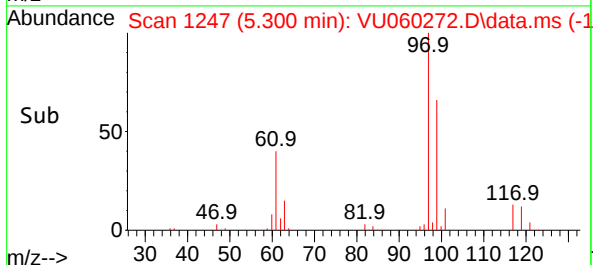
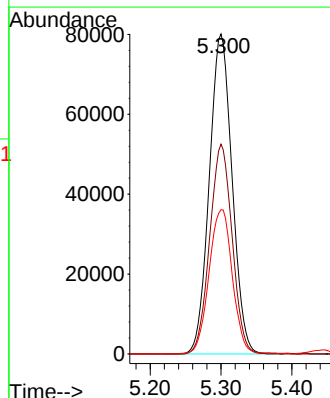
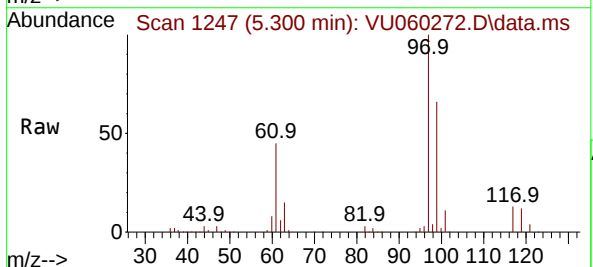
Tgt Ion: 97 Resp: 178724

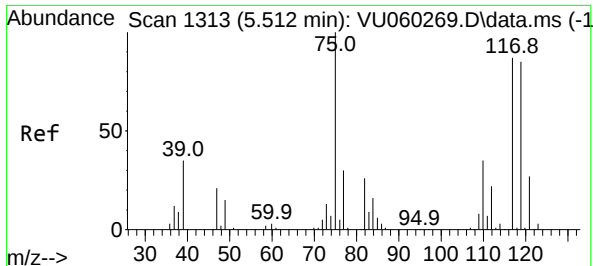
Ion Ratio Lower Upper

97 100

99 64.5 31.9 95.9

61 46.5 23.4 70.0

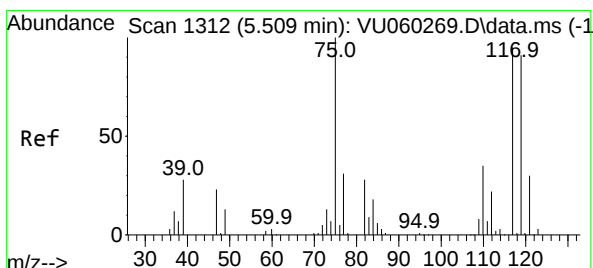
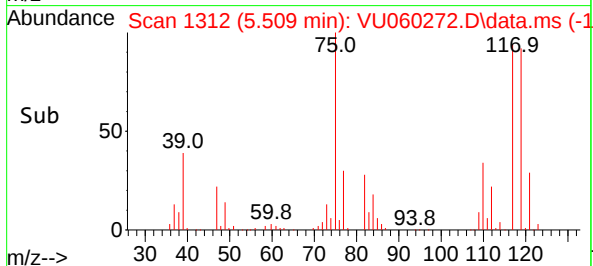
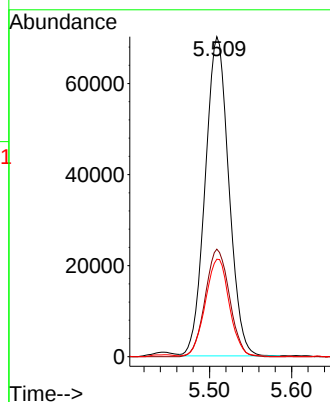
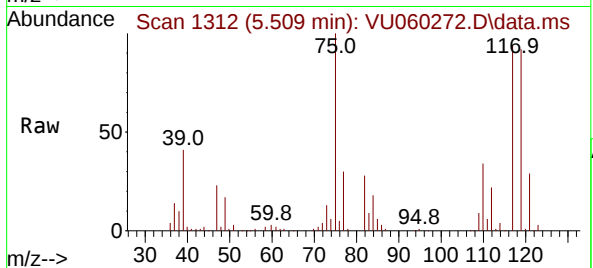




#29  
1,1-Dichloropropene  
Concen: 9.358 ug/l  
RT: 5.509 min Scan# 1312  
Delta R.T. -0.003 min  
Lab File: VU060272.D  
Acq: 30 Jul 2024 19:27

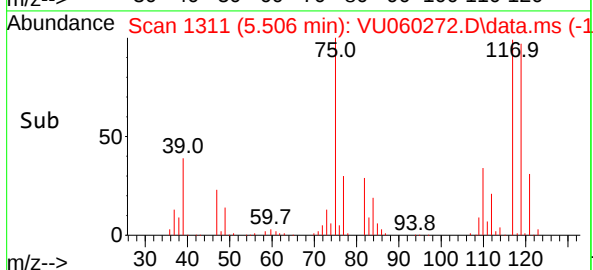
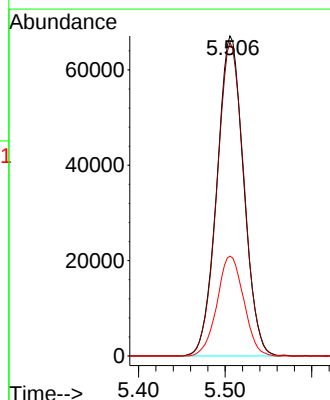
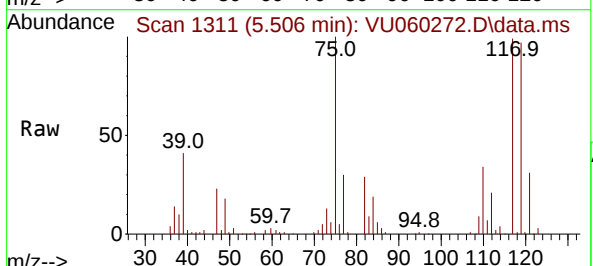
Instrument :  
MSVOA\_U  
ClientSampleId :  
ICVVU073024

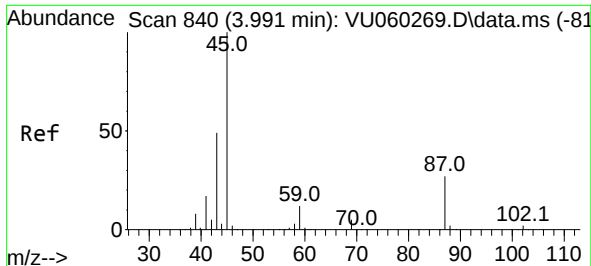
Tgt Ion: 75 Resp: 140272  
Ion Ratio Lower Upper  
75 100  
110 34.5 17.4 52.3  
77 31.3 25.1 37.7



#30  
Carbon Tetrachloride  
Concen: 9.595 ug/l  
RT: 5.506 min Scan# 1311  
Delta R.T. -0.003 min  
Lab File: VU060272.D  
Acq: 30 Jul 2024 19:27

Tgt Ion: 117 Resp: 143873  
Ion Ratio Lower Upper  
117 100  
119 98.0 76.7 115.1  
121 31.2 25.0 37.4

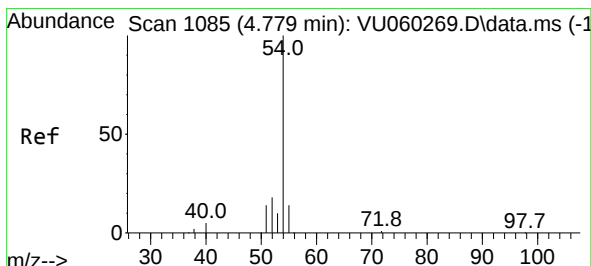
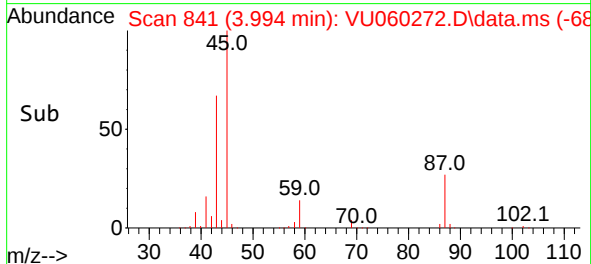
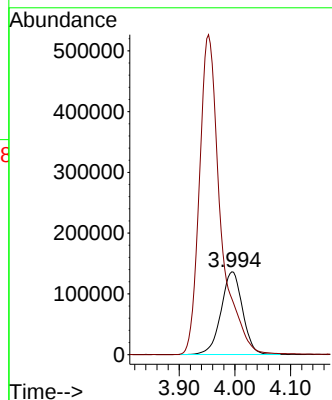
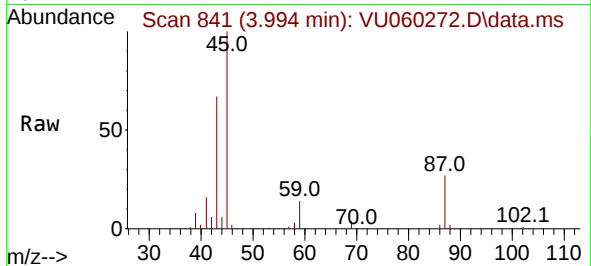




#31  
Isopropyl Ether  
Concen: 10.521 ug/l  
RT: 3.994 min Scan# 841  
Delta R.T. 0.003 min  
Lab File: VU060272.D  
Acq: 30 Jul 2024 19:27

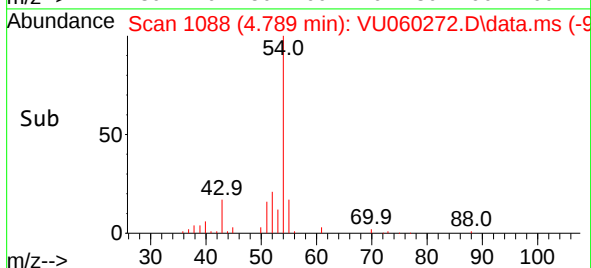
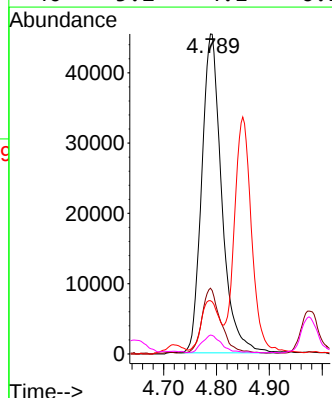
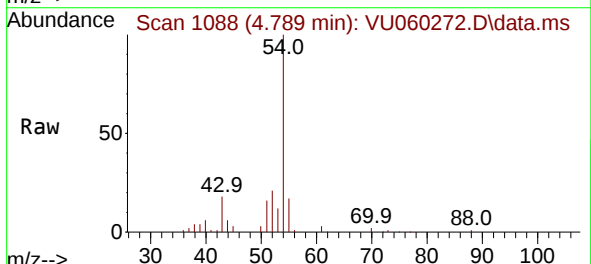
Instrument :  
MSVOA\_U  
ClientSampleId :  
ICVVU073024

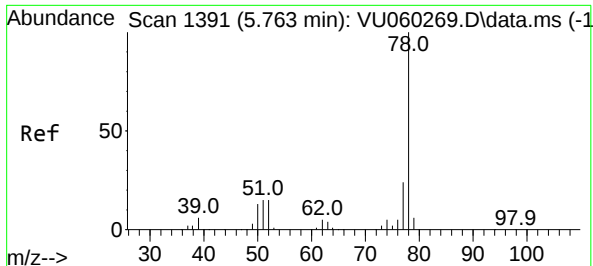
Tgt Ion: 45 Resp: 366163  
Ion Ratio Lower Upper  
45 100  
43 378.5 24.6 74.0#



#34  
Propionitrile  
Concen: 98.219 ug/l  
RT: 4.789 min Scan# 1088  
Delta R.T. 0.010 min  
Lab File: VU060272.D  
Acq: 30 Jul 2024 19:27

Tgt Ion: 54 Resp: 119136  
Ion Ratio Lower Upper  
54 100  
52 19.0 15.1 22.7  
55 14.9 12.5 18.7  
40 5.2 4.1 6.1





#35

Benzene

Concen: 10.034 ug/l

RT: 5.760 min Scan# 1391

Delta R.T. -0.003 min

Lab File: VU060272.D

Acq: 30 Jul 2024 19:27

Instrument :

MSVOA\_U

ClientSampleId :

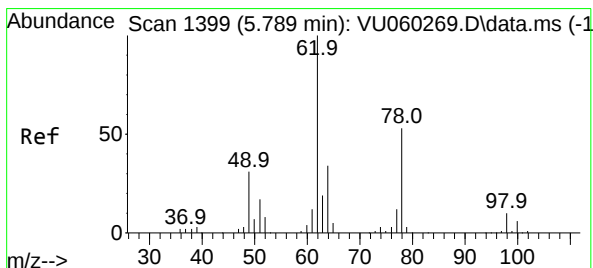
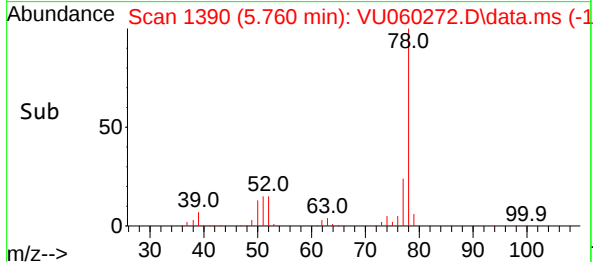
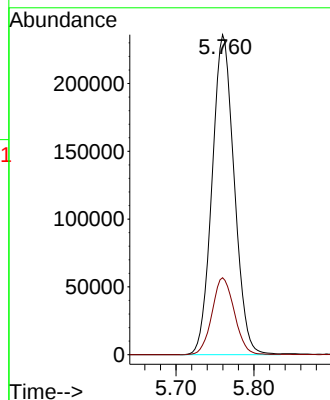
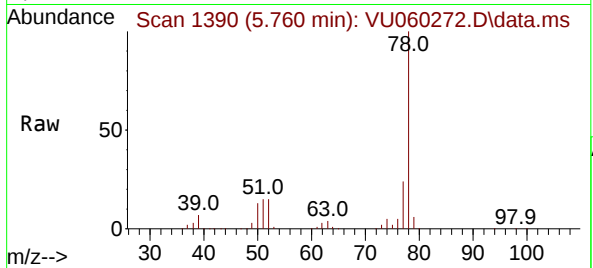
ICVVU073024

Tgt Ion: 78 Resp: 467134

Ion Ratio Lower Upper

78 100

77 24.1 19.4 29.0



#36

1,2-Dichloroethane

Concen: 9.286 ug/l

RT: 5.789 min Scan# 1399

Delta R.T. 0.000 min

Lab File: VU060272.D

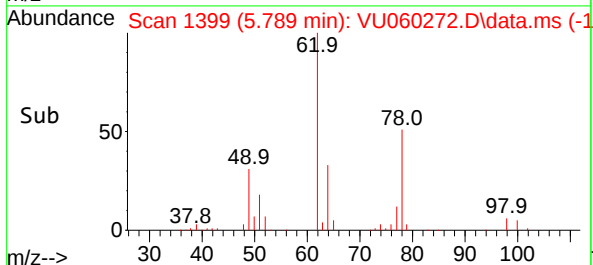
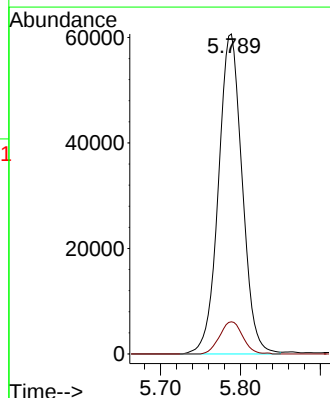
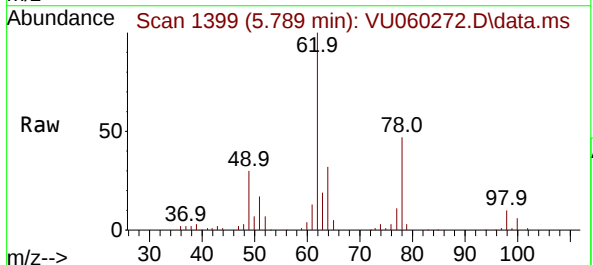
Acq: 30 Jul 2024 19:27

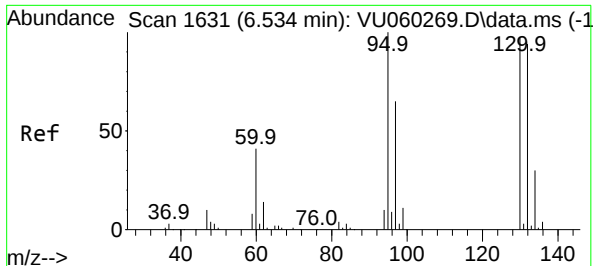
Tgt Ion: 62 Resp: 124837

Ion Ratio Lower Upper

62 100

98 9.8 7.3 10.9





#37

Trichloroethene

Concen: 9.076 ug/l

RT: 6.531 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU060272.D

Acq: 30 Jul 2024 19:27

Instrument :

MSVOA\_U

ClientSampleId :

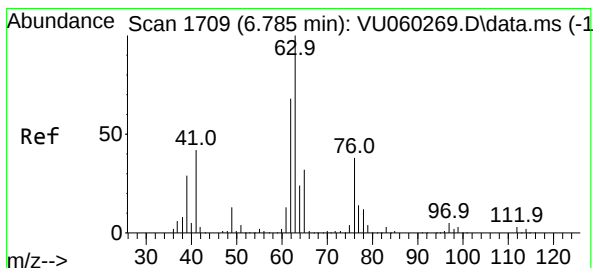
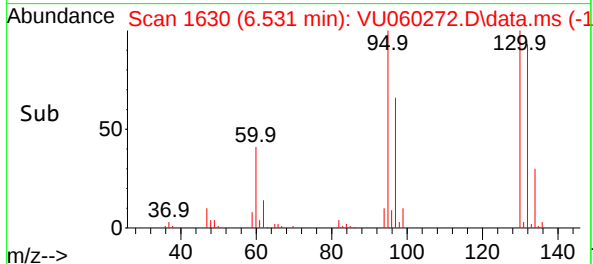
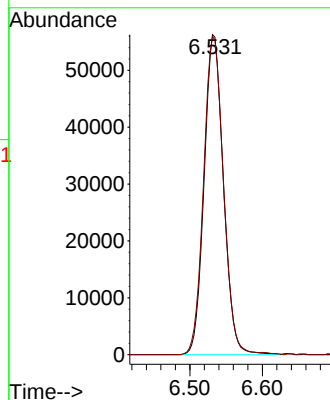
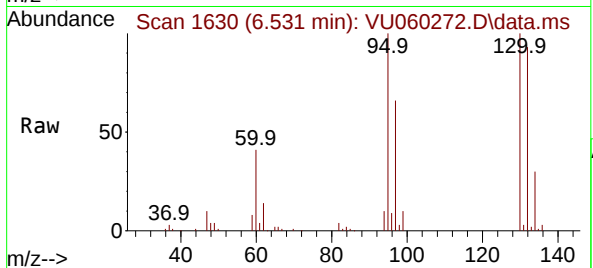
ICVVU073024

Tgt Ion:130 Resp: 104193

Ion Ratio Lower Upper

130 100

95 99.5 82.9 124.3



#38

1,2-Dichloropropane

Concen: 9.452 ug/l

RT: 6.785 min Scan# 1709

Delta R.T. 0.000 min

Lab File: VU060272.D

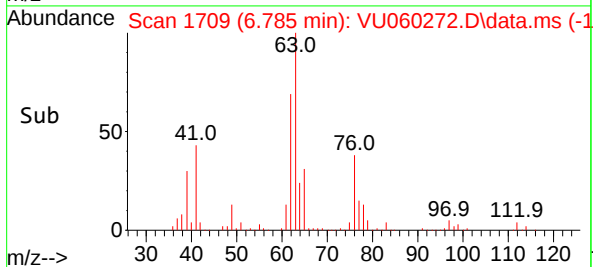
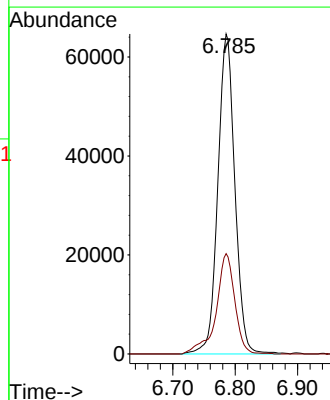
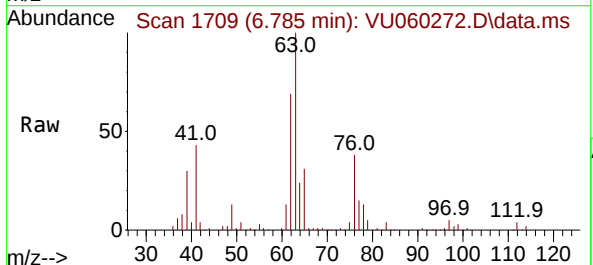
Acq: 30 Jul 2024 19:27

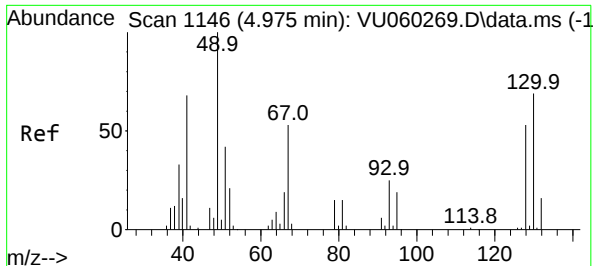
Tgt Ion: 63 Resp: 122407

Ion Ratio Lower Upper

63 100

65 31.4 25.7 38.5





#39

Methacrylonitrile

Concen: 9.627 ug/l

RT: 4.975 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VU060272.D

Acq: 30 Jul 2024 19:27

Instrument :

MSVOA\_U

ClientSampleId :

ICVVU073024

Tgt Ion: 41 Resp: 44838

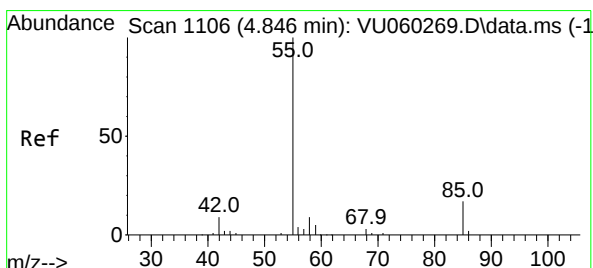
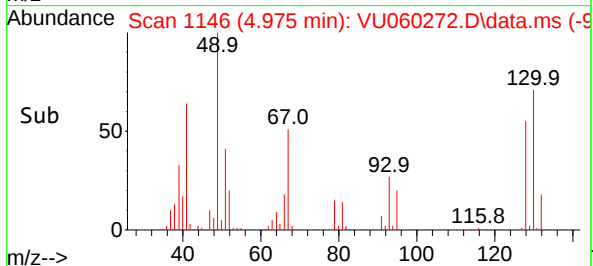
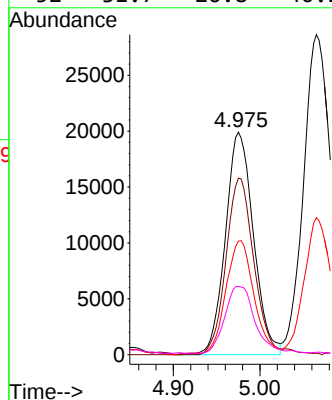
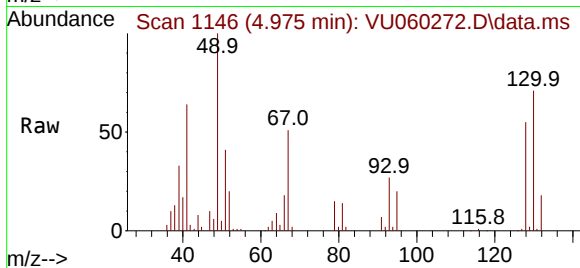
Ion Ratio Lower Upper

41 100

67 78.3 64.1 96.1

39 51.9 40.2 60.4

52 31.7 26.8 40.2



#40

Methyl acrylate

Concen: 10.001 ug/l

RT: 4.850 min Scan# 1107

Delta R.T. 0.003 min

Lab File: VU060272.D

Acq: 30 Jul 2024 19:27

Tgt Ion: 55 Resp: 76511

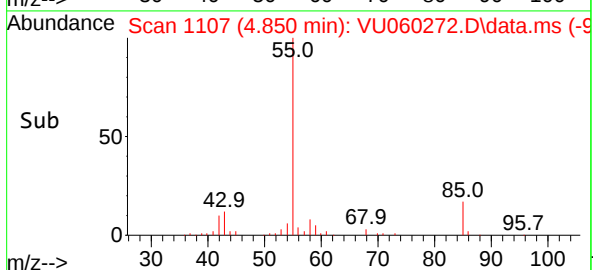
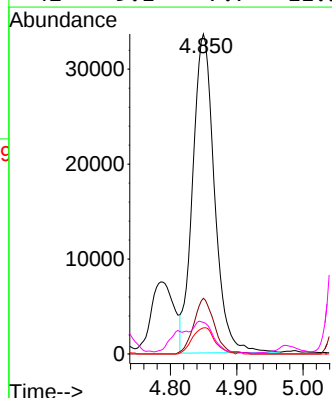
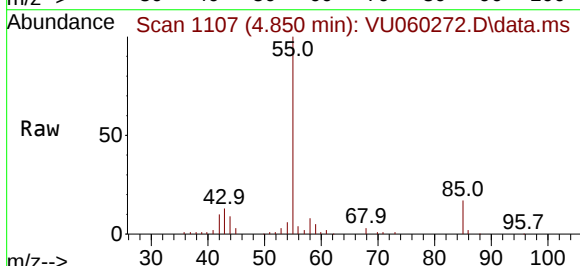
Ion Ratio Lower Upper

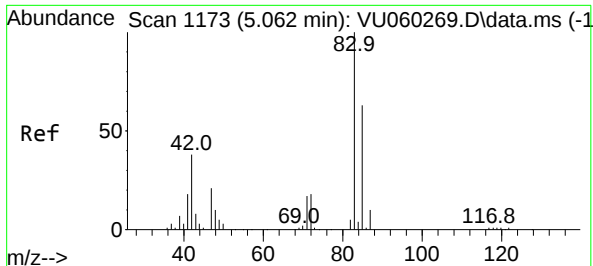
55 100

85 16.6 13.1 19.7

58 8.5 6.9 10.3

42 9.1 7.7 11.5

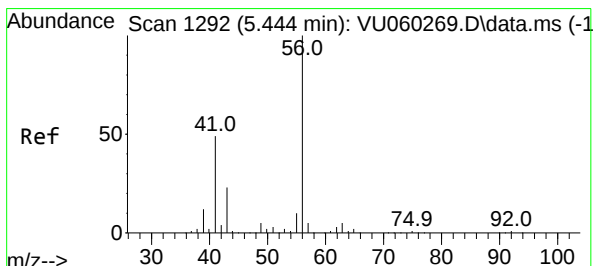
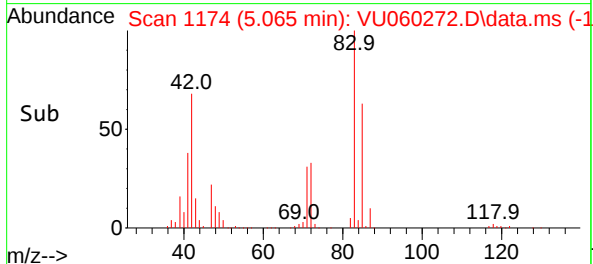
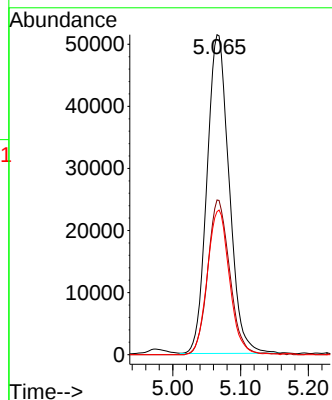
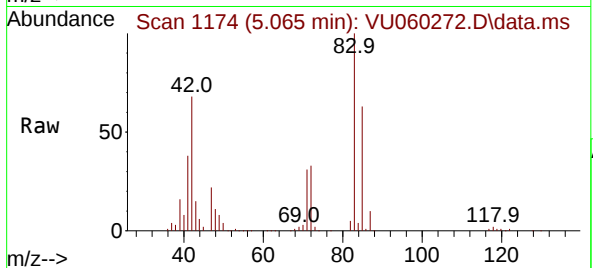




#41  
Tetrahydrofuran  
Concen: 48.132 ug/l  
RT: 5.065 min Scan# 1173  
Delta R.T. 0.003 min  
Lab File: VU060272.D  
Acq: 30 Jul 2024 19:27

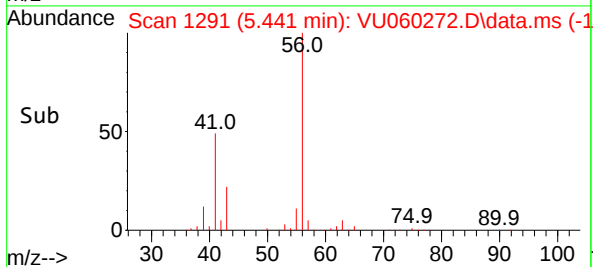
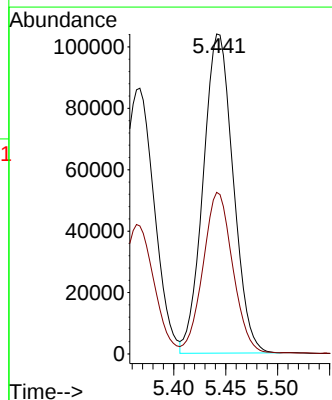
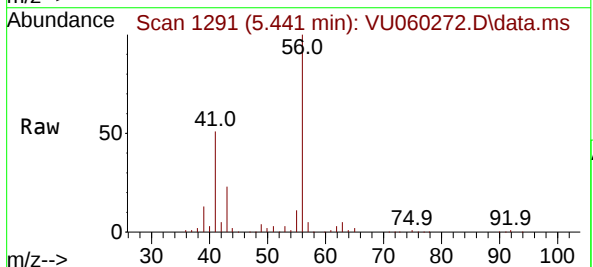
Instrument :  
MSVOA\_U  
ClientSampleId :  
ICVVU073024

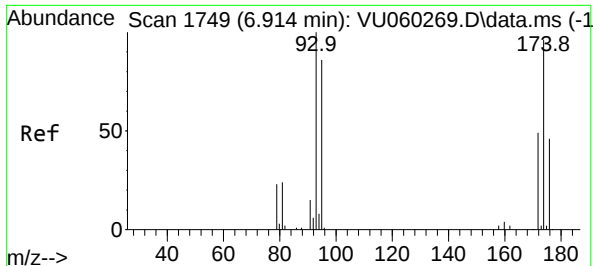
Tgt Ion: 42 Resp: 116468  
Ion Ratio Lower Upper  
42 100  
72 48.0 38.1 57.1  
71 45.3 35.4 53.0



#42  
1-Chlorobutane  
Concen: 9.877 ug/l  
RT: 5.441 min Scan# 1291  
Delta R.T. -0.003 min  
Lab File: VU060272.D  
Acq: 30 Jul 2024 19:27

Tgt Ion: 56 Resp: 208571  
Ion Ratio Lower Upper  
56 100  
41 50.1 24.5 73.5

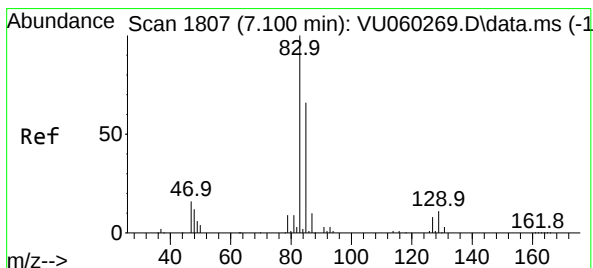
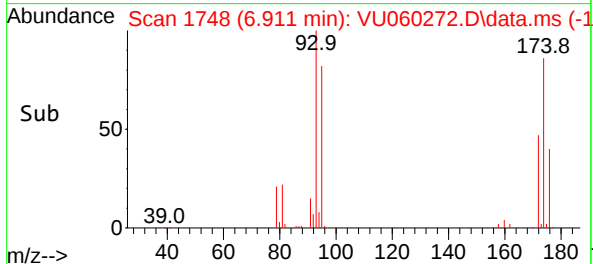
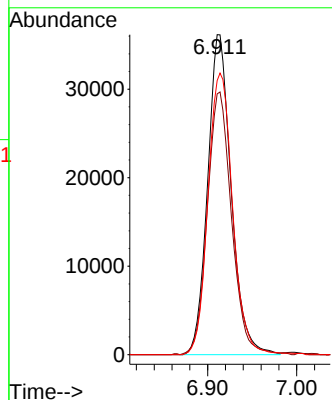
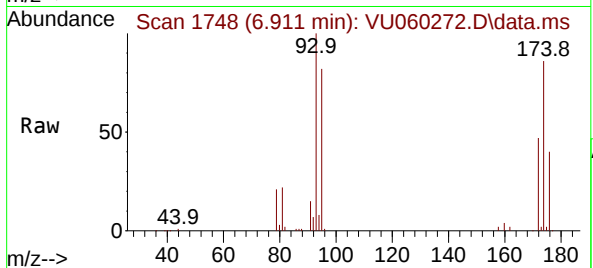




#43  
Dibromomethane  
Concen: 10.364 ug/l  
RT: 6.911 min Scan# 1748  
Delta R.T. -0.003 min  
Lab File: VU060272.D  
Acq: 30 Jul 2024 19:27

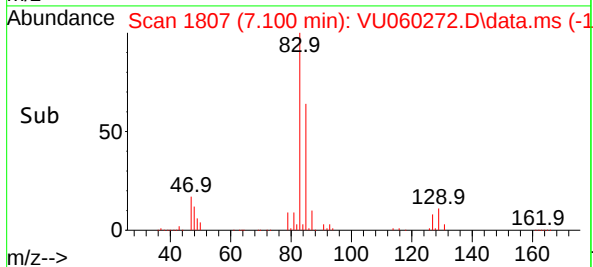
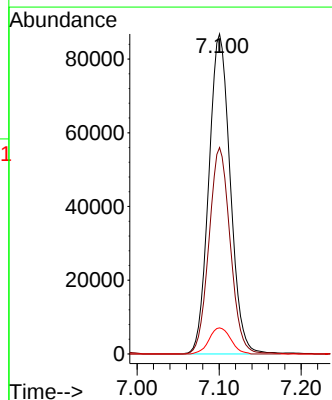
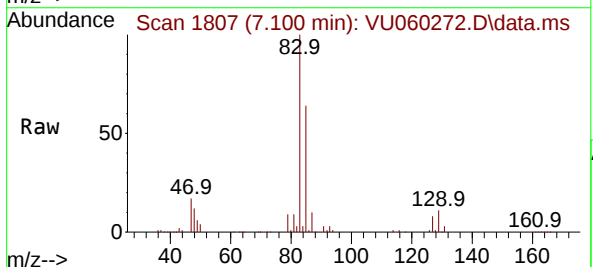
Instrument :  
MSVOA\_U  
ClientSampleId :  
ICVVU073024

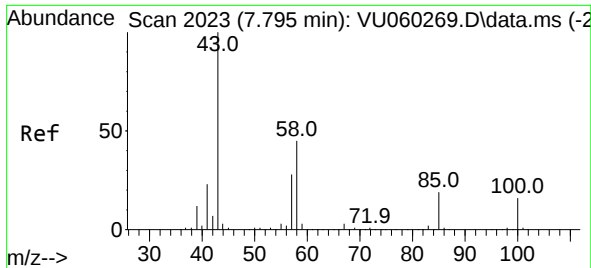
Tgt Ion: 93 Resp: 66468  
Ion Ratio Lower Upper  
93 100  
95 84.4 68.0 102.0  
174 91.9 74.7 112.1



#44  
Bromodichloromethane  
Concen: 10.290 ug/l  
RT: 7.100 min Scan# 1807  
Delta R.T. 0.000 min  
Lab File: VU060272.D  
Acq: 30 Jul 2024 19:27

Tgt Ion: 83 Resp: 157731  
Ion Ratio Lower Upper  
83 100  
85 64.5 52.6 79.0  
127 8.2 6.6 9.8

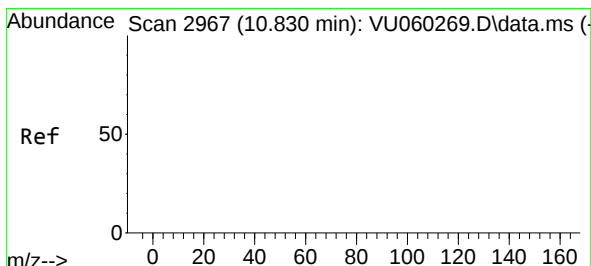
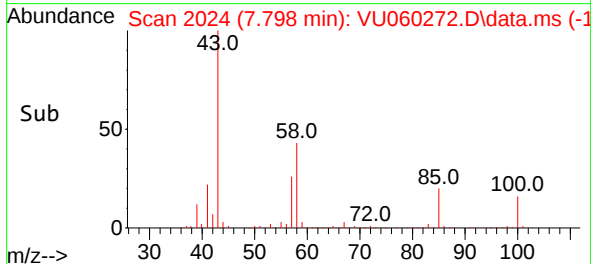
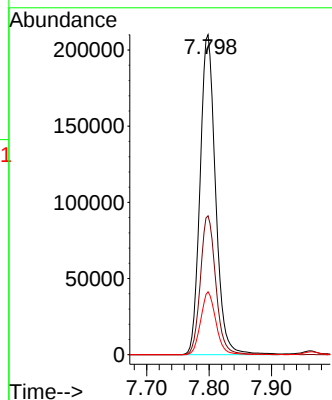
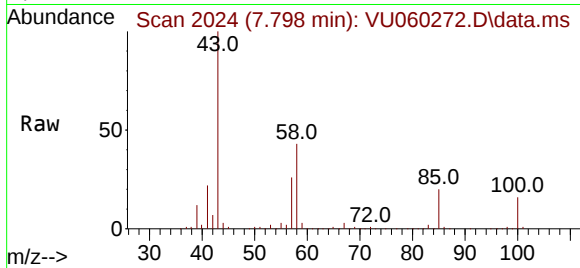




#45  
4-Methyl-2-Pentanone  
Concen: 56.184 ug/l  
RT: 7.798 min Scan# 2024  
Delta R.T. 0.003 min  
Lab File: VU060272.D  
Acq: 30 Jul 2024 19:27

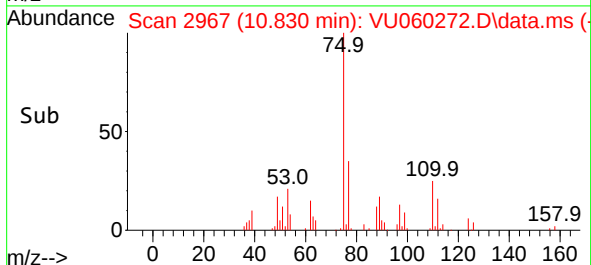
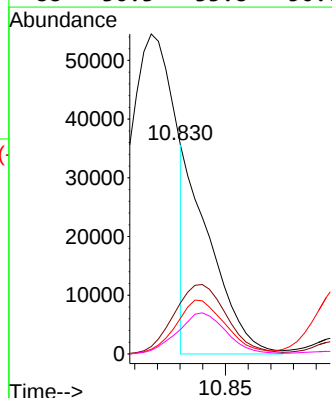
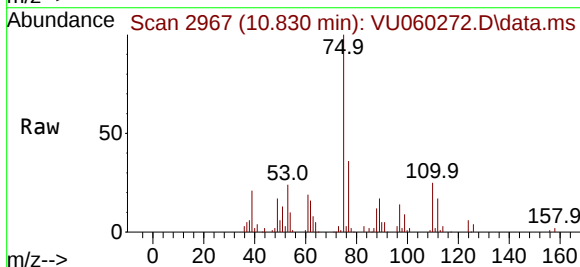
Instrument :  
MSVOA\_U  
ClientSampleId :  
ICVVU073024

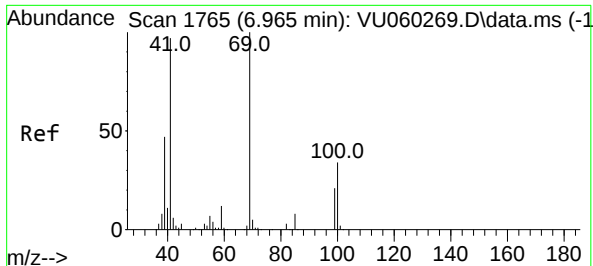
Tgt Ion: 43 Resp: 362587  
Ion Ratio Lower Upper  
43 100  
58 43.2 22.1 66.5  
85 19.3 15.4 23.0



#46  
t-1,4-Dichloro-2-butene  
Concen: 10.762 ug/l m  
RT: 10.830 min Scan# 2967  
Delta R.T. 0.000 min  
Lab File: VU060272.D  
Acq: 30 Jul 2024 19:27

Tgt Ion: 75 Resp: 28995  
Ion Ratio Lower Upper  
75 100  
53 66.4 66.4 99.6  
89 48.4 45.7 68.5  
88 36.3 33.8 50.6



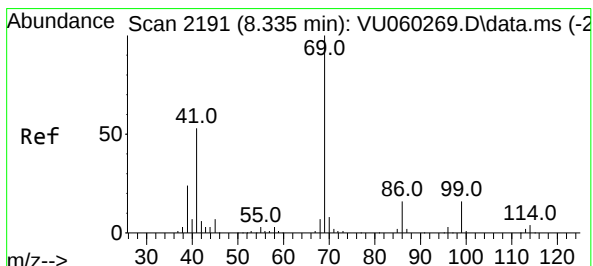
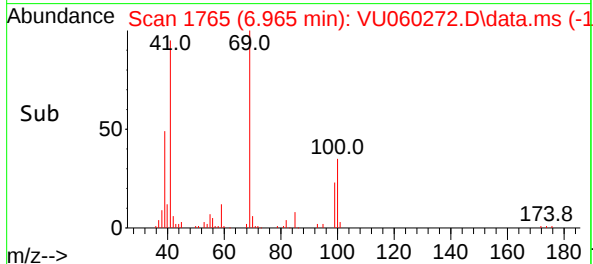
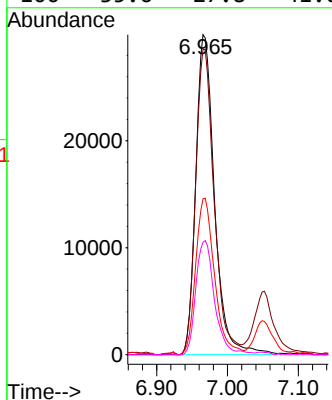
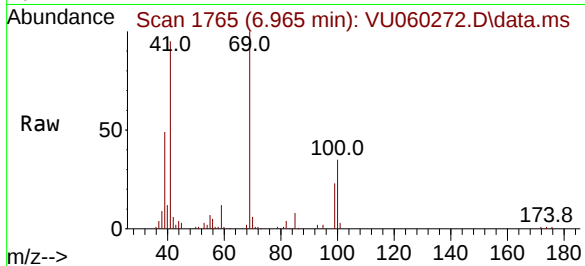


#47  
Methyl methacrylate  
Concen: 9.819 ug/l  
RT: 6.965 min Scan# 1765  
Delta R.T. 0.000 min  
Lab File: VU060272.D  
Acq: 30 Jul 2024 19:27

Instrument :  
MSVOA\_U  
ClientSampleId :  
ICVVU073024

Tgt Ion: 69 Resp: 55032

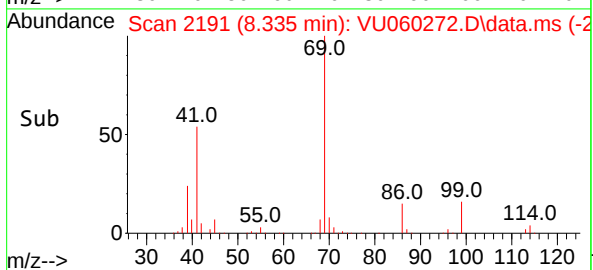
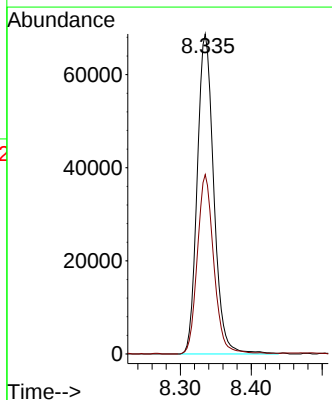
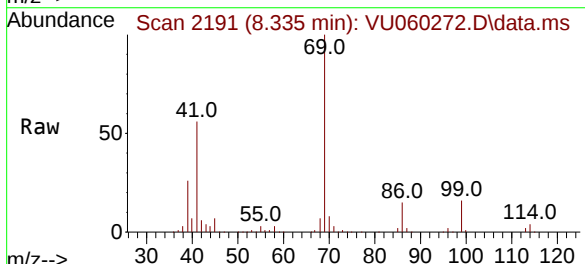
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 93.9  | 0.0   | 192.4 |
| 39  | 49.3  | 37.8  | 56.6  |
| 100 | 35.6  | 27.8  | 41.6  |

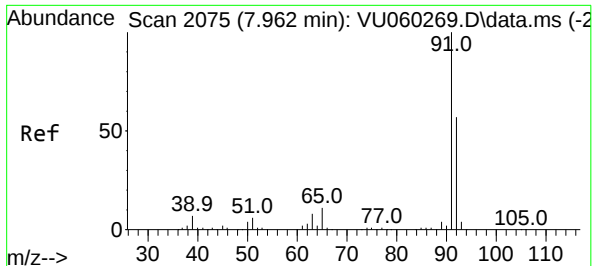


#48  
Ethyl methacrylate  
Concen: 9.895 ug/l  
RT: 8.335 min Scan# 2191  
Delta R.T. -0.000 min  
Lab File: VU060272.D  
Acq: 30 Jul 2024 19:27

Tgt Ion: 69 Resp: 111343

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 55.8  | 27.8  | 83.4  |





#49

Toluene

Concen: 11.050 ug/l

RT: 7.962 min Scan# 2075

Delta R.T. 0.000 min

Lab File: VU060272.D

Acq: 30 Jul 2024 19:27

Instrument :

MSVOA\_U

ClientSampleId :

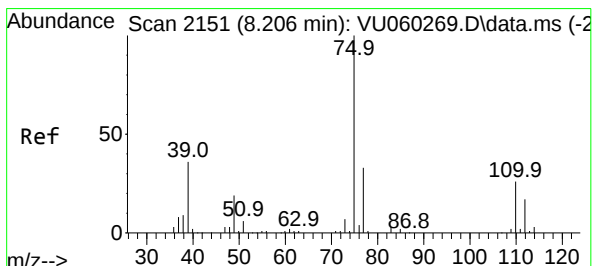
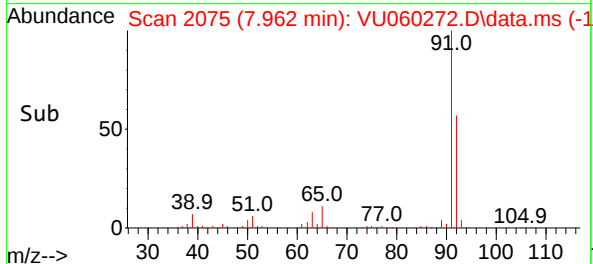
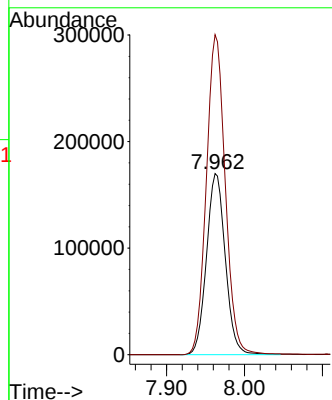
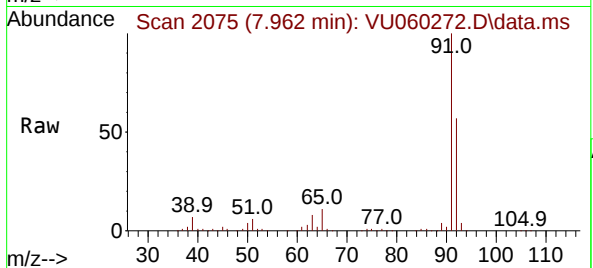
ICVVU073024

Tgt Ion: 92 Resp: 285415

Ion Ratio Lower Upper

92 100

91 178.1 143.0 214.6



#50

t-1,3-Dichloropropene

Concen: 10.255 ug/l

RT: 8.206 min Scan# 2151

Delta R.T. -0.000 min

Lab File: VU060272.D

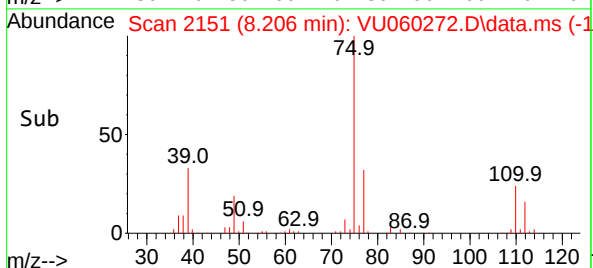
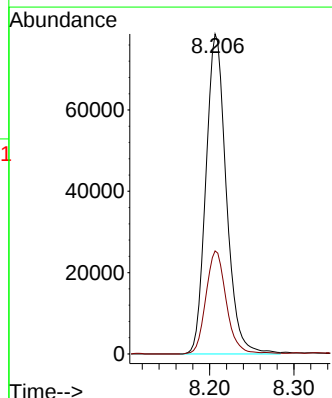
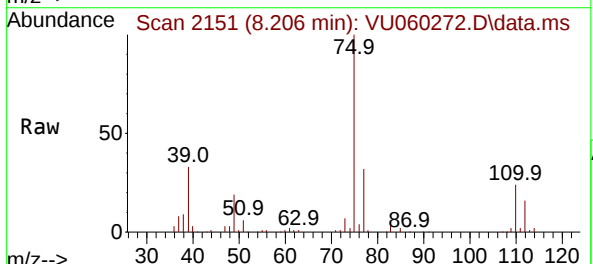
Acq: 30 Jul 2024 19:27

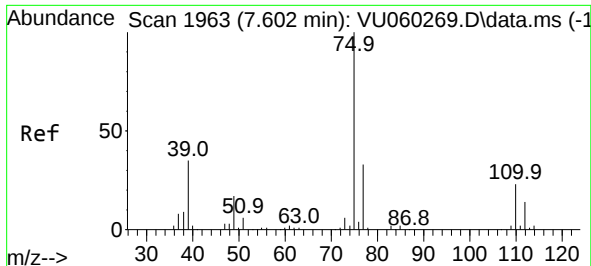
Tgt Ion: 75 Resp: 132440

Ion Ratio Lower Upper

75 100

77 32.2 26.1 39.1

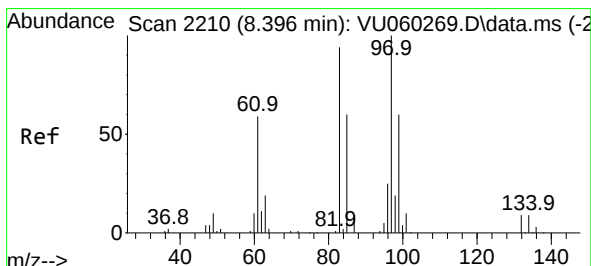
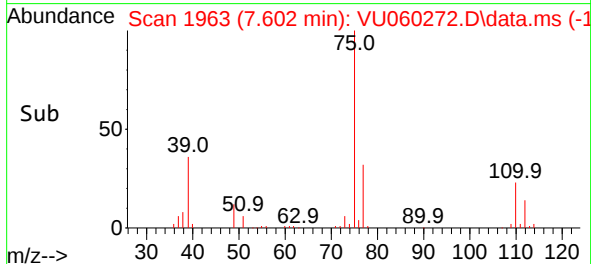
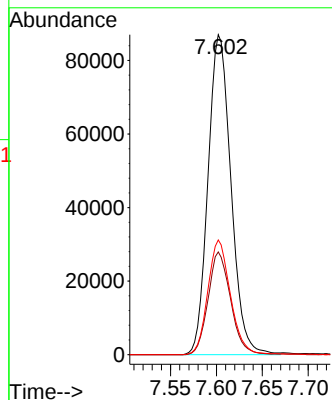
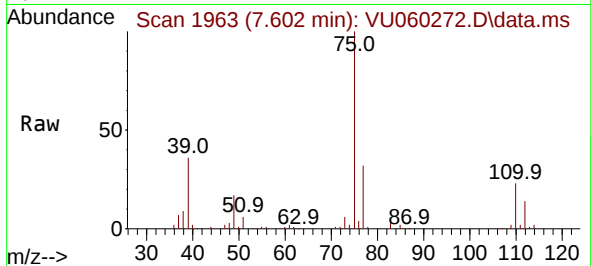




#51  
 cis-1,3-Dichloropropene  
 Concen: 9.842 ug/l  
 RT: 7.602 min Scan# 1963  
 Delta R.T. 0.000 min  
 Lab File: VU060272.D  
 Acq: 30 Jul 2024 19:27

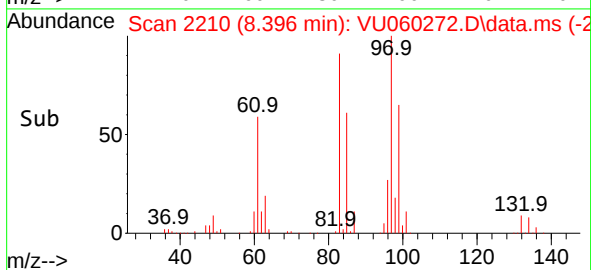
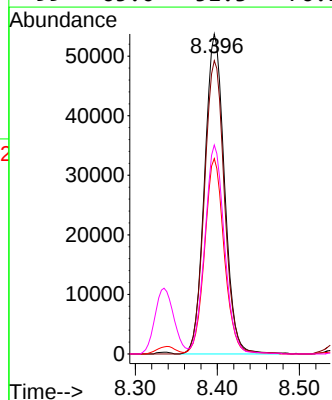
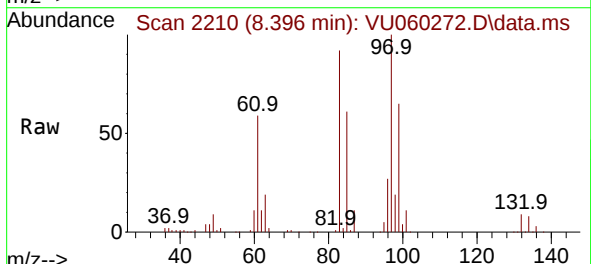
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 ICVVU073024

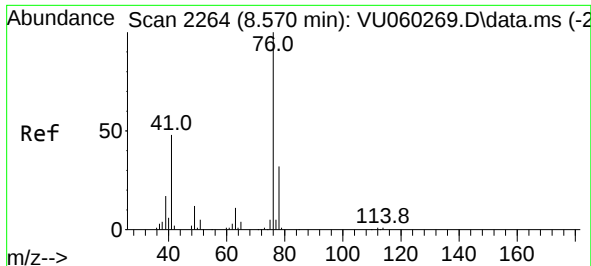
Tgt Ion: 75 Resp: 151531  
 Ion Ratio Lower Upper  
 75 100  
 77 32.1 26.2 39.2  
 39 35.8 27.9 41.9



#52  
 1,1,2-Trichloroethane  
 Concen: 9.785 ug/l  
 RT: 8.396 min Scan# 2210  
 Delta R.T. 0.000 min  
 Lab File: VU060272.D  
 Acq: 30 Jul 2024 19:27

Tgt Ion: 97 Resp: 90652  
 Ion Ratio Lower Upper  
 97 100  
 83 91.7 75.5 113.3  
 85 61.1 48.2 72.4  
 99 65.0 51.3 76.9





#53

1,3-Dichloropropane

Concen: 10.045 ug/l

RT: 8.570 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU060272.D

Acq: 30 Jul 2024 19:27

Instrument :

MSVOA\_U

ClientSampleId :

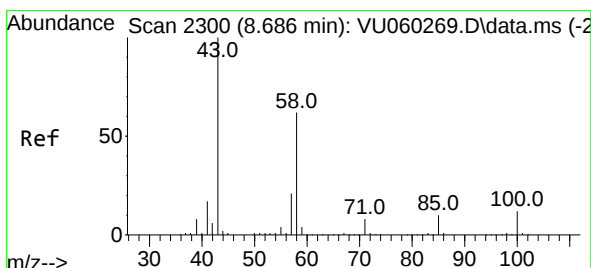
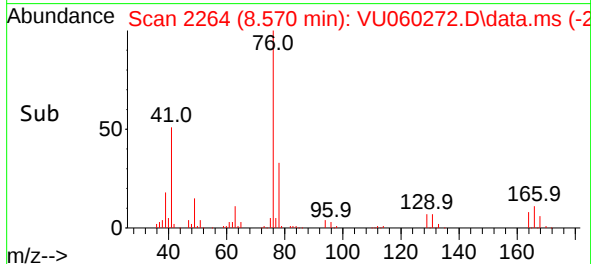
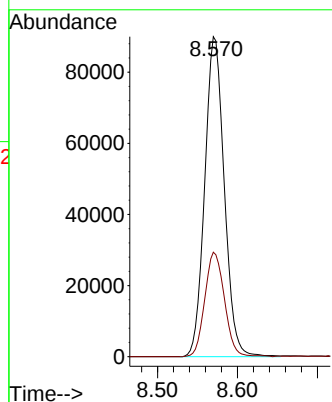
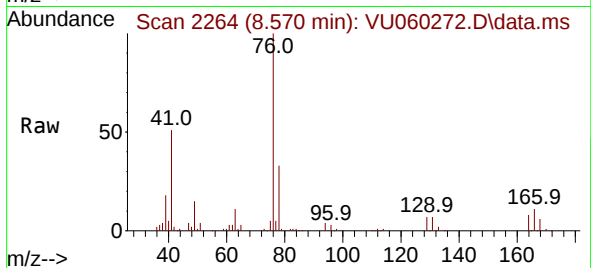
ICVVU073024

Tgt Ion: 76 Resp: 153030

Ion Ratio Lower Upper

76 100

78 32.8 25.8 38.6



#54

2-Hexanone

Concen: 53.187 ug/l

RT: 8.689 min Scan# 2301

Delta R.T. 0.003 min

Lab File: VU060272.D

Acq: 30 Jul 2024 19:27

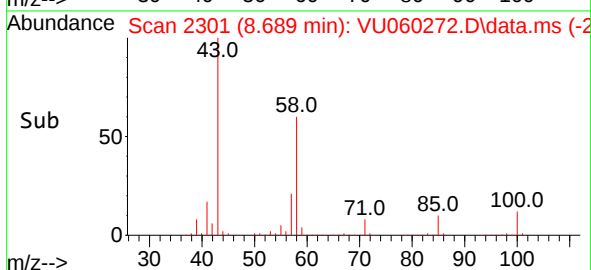
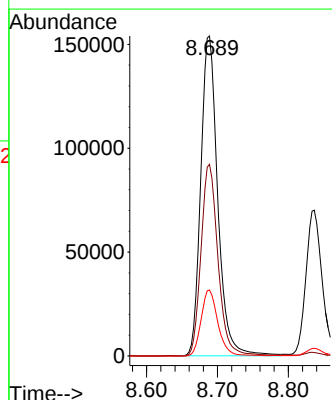
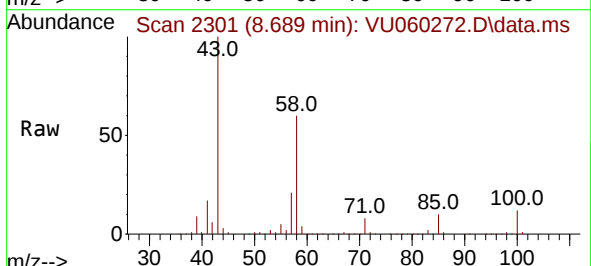
Tgt Ion: 43 Resp: 256191

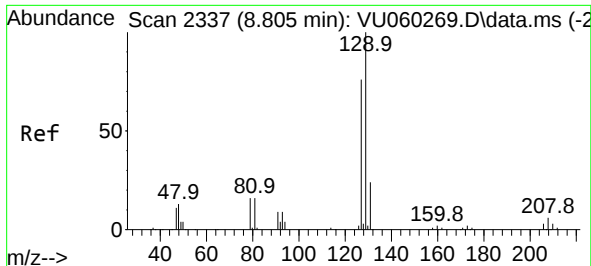
Ion Ratio Lower Upper

43 100

58 60.1 41.1 81.1

57 20.5 0.3 40.3

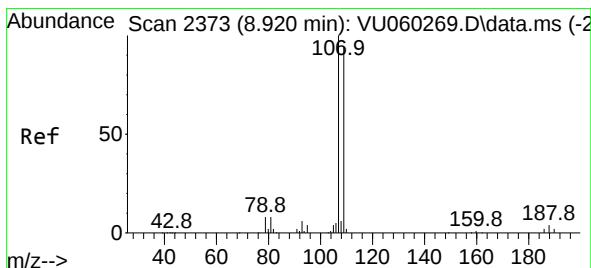
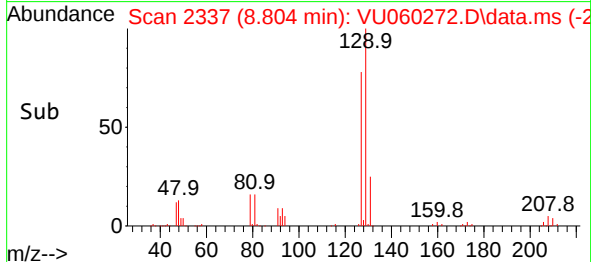
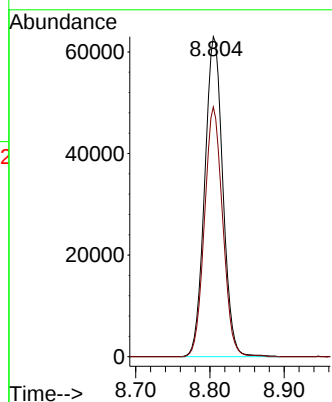
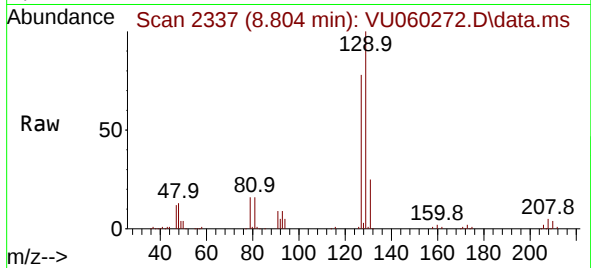




#55  
Dibromochloromethane  
Concen: 10.489 ug/l  
RT: 8.804 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VU060272.D  
Acq: 30 Jul 2024 19:27

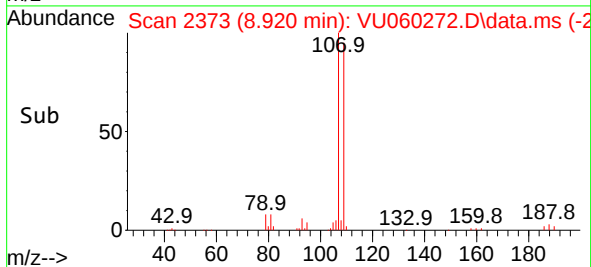
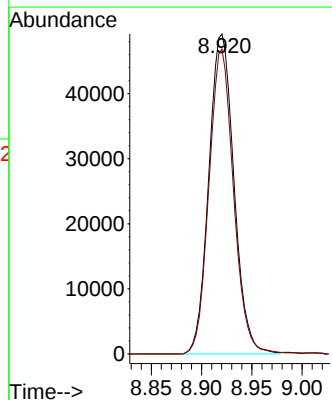
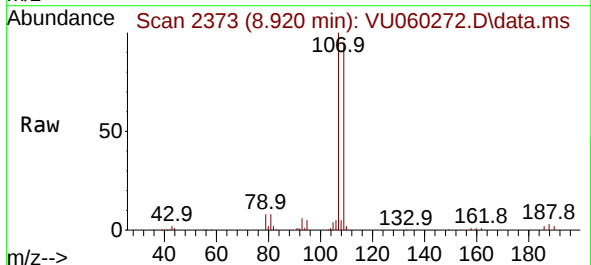
Instrument :  
MSVOA\_U  
ClientSampleId :  
ICVVU073024

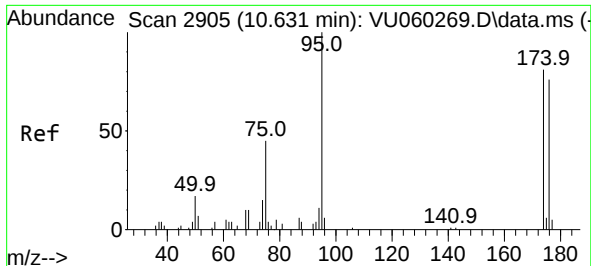
Tgt Ion:129 Resp: 106717  
Ion Ratio Lower Upper  
129 100  
127 78.3 61.7 92.5



#56  
1,2-Dibromoethane  
Concen: 10.228 ug/l  
RT: 8.920 min Scan# 2373  
Delta R.T. -0.000 min  
Lab File: VU060272.D  
Acq: 30 Jul 2024 19:27

Tgt Ion:107 Resp: 85490  
Ion Ratio Lower Upper  
107 100  
109 93.1 0.0 186.8

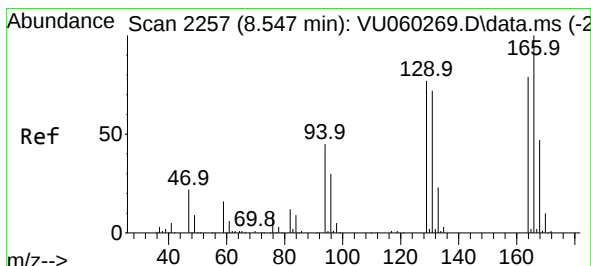
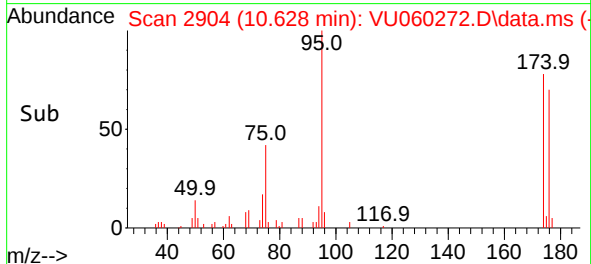
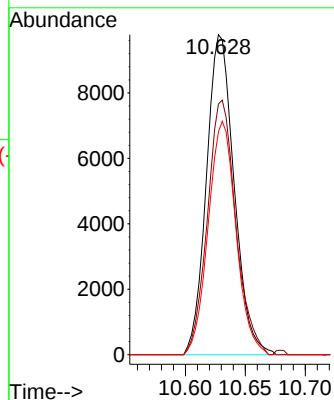
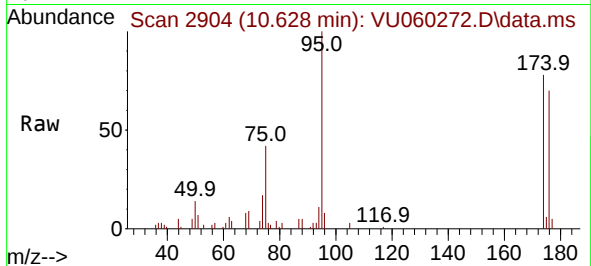




#57  
4-Bromofluorobenzene  
Concen: 1.145 ug/l  
RT: 10.628 min Scan# 2904  
Delta R.T. -0.003 min  
Lab File: VU060272.D  
Acq: 30 Jul 2024 19:27

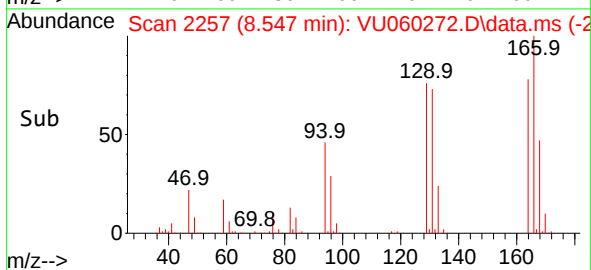
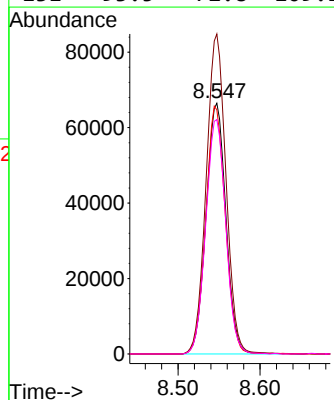
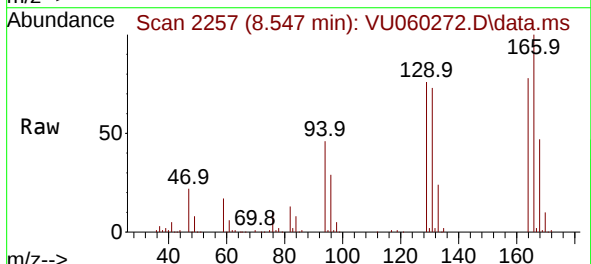
Instrument :  
MSVOA\_U  
ClientSampleId :  
ICVVU073024

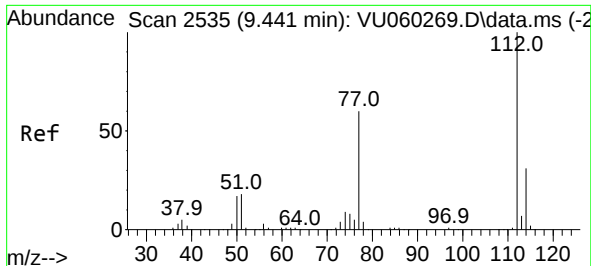
Tgt Ion: 95 Resp: 15716  
Ion Ratio Lower Upper  
95 100  
174 81.4 62.2 93.4  
176 73.0 59.4 89.2



#58  
Tetrachloroethene  
Concen: 10.304 ug/l  
RT: 8.547 min Scan# 2257  
Delta R.T. 0.000 min  
Lab File: VU060272.D  
Acq: 30 Jul 2024 19:27

Tgt Ion:164 Resp: 112111  
Ion Ratio Lower Upper  
164 100  
166 127.6 101.0 151.6  
129 97.4 78.0 117.0  
131 93.5 72.8 109.2

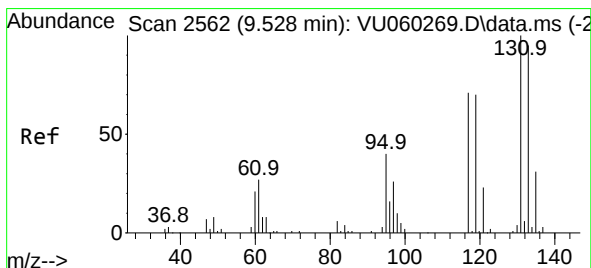
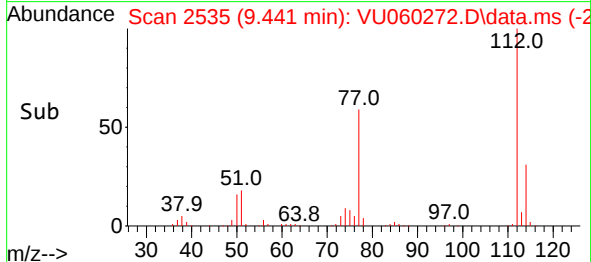
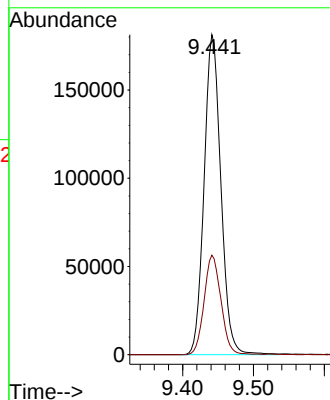
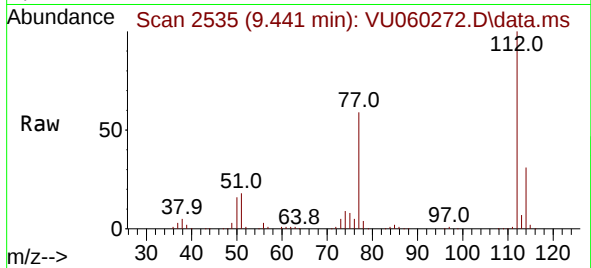




#59  
Chlorobenzene  
Concen: 10.775 ug/l  
RT: 9.441 min Scan# 2535  
Delta R.T. -0.000 min  
Lab File: VU060272.D  
Acq: 30 Jul 2024 19:27

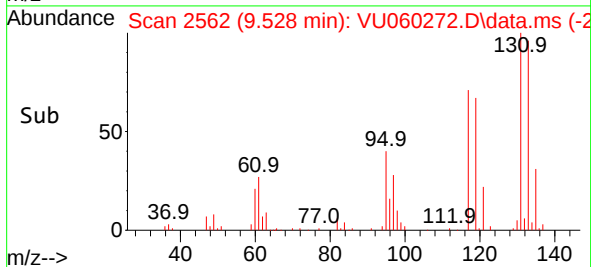
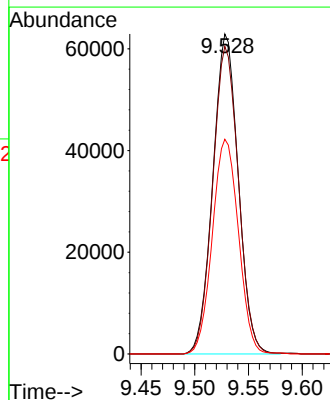
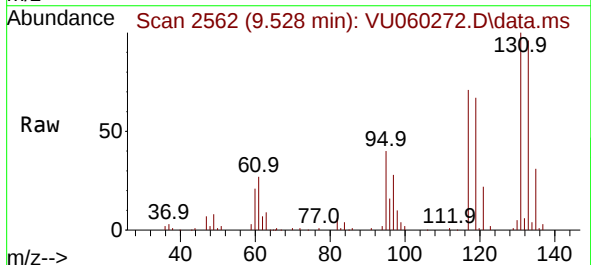
Instrument :  
MSVOA\_U  
ClientSampleId :  
ICVVU073024

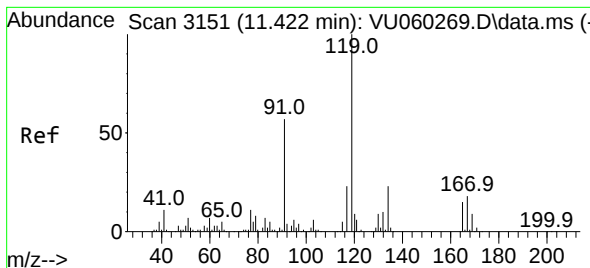
Tgt Ion:112 Resp: 298730  
Ion Ratio Lower Upper  
112 100  
114 31.1 24.5 36.7



#60  
1,1,1,2-Tetrachloroethane  
Concen: 9.705 ug/l  
RT: 9.528 min Scan# 2562  
Delta R.T. 0.000 min  
Lab File: VU060272.D  
Acq: 30 Jul 2024 19:27

Tgt Ion:131 Resp: 103482  
Ion Ratio Lower Upper  
131 100  
133 97.4 76.6 114.8  
119 69.0 55.4 83.0





#61

Pentachloroethane

Concen: 10.317 ug/l

RT: 11.422 min Scan# 3151

Delta R.T. 0.000 min

Lab File: VU060272.D

Acq: 30 Jul 2024 19:27

Instrument :

MSVOA\_U

ClientSampleId :

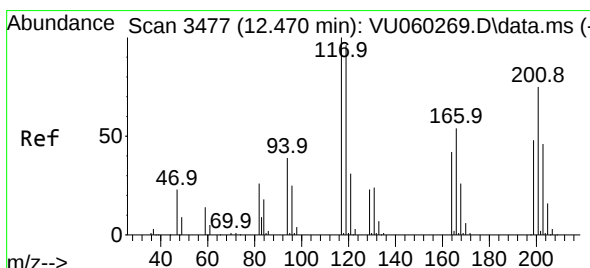
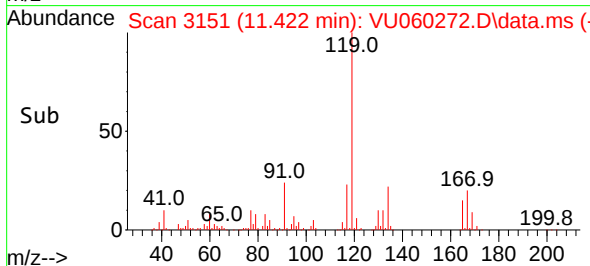
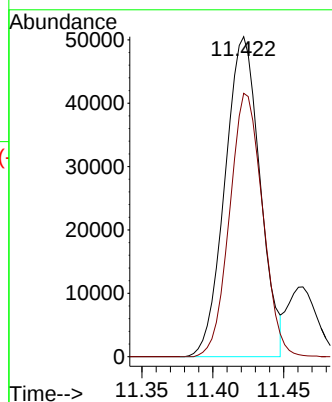
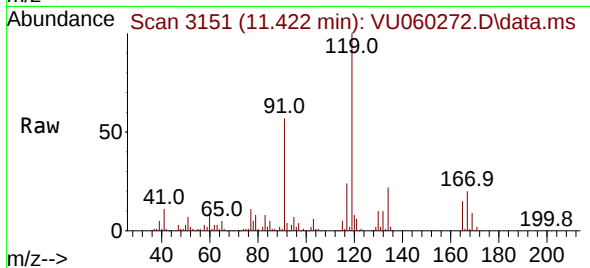
ICVVU073024

Tgt Ion:117 Resp: 87238

Ion Ratio Lower Upper

117 100

167 77.1 61.6 92.4



#62

Hexachloroethane

Concen: 10.576 ug/l

RT: 12.470 min Scan# 3477

Delta R.T. -0.000 min

Lab File: VU060272.D

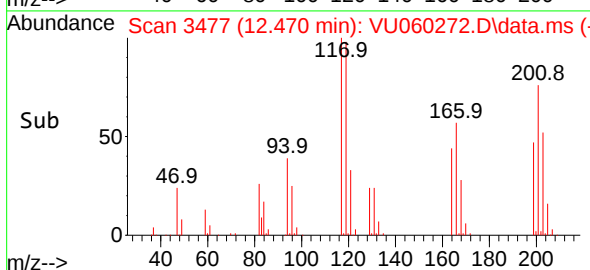
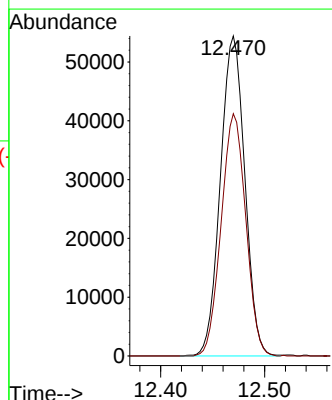
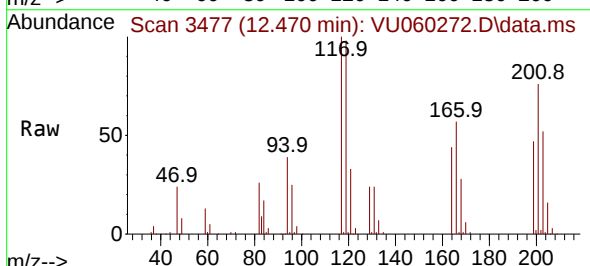
Acq: 30 Jul 2024 19:27

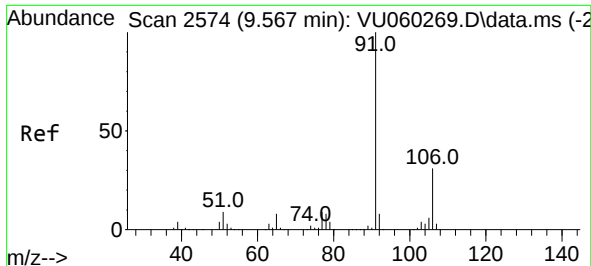
Tgt Ion:117 Resp: 88974

Ion Ratio Lower Upper

117 100

201 76.2 60.0 90.0

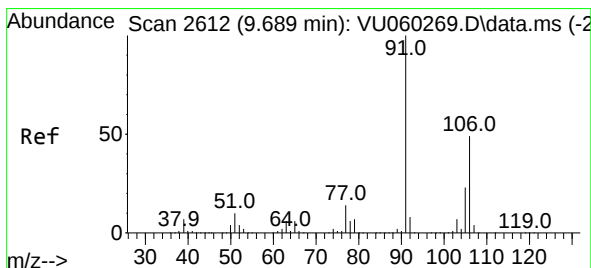
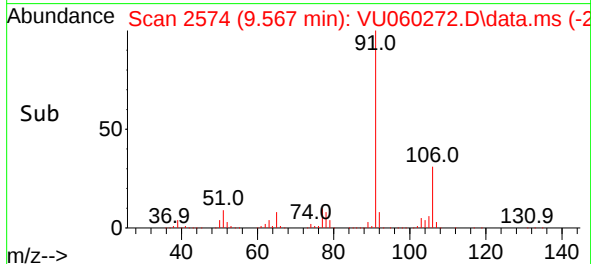
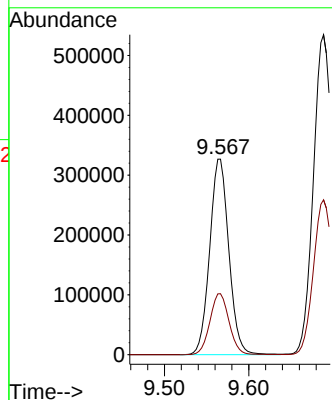
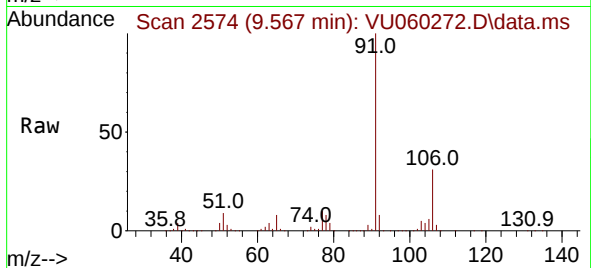




#63  
Ethyl Benzene  
Concen: 9.666 ug/l  
RT: 9.567 min Scan# 2574  
Delta R.T. 0.000 min  
Lab File: VU060272.D  
Acq: 30 Jul 2024 19:27

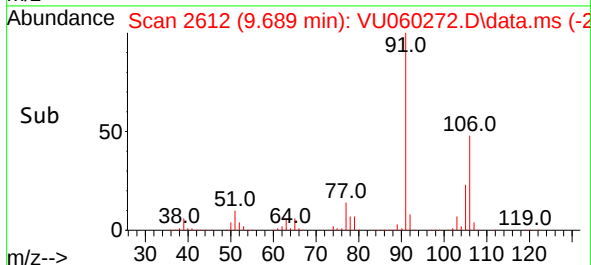
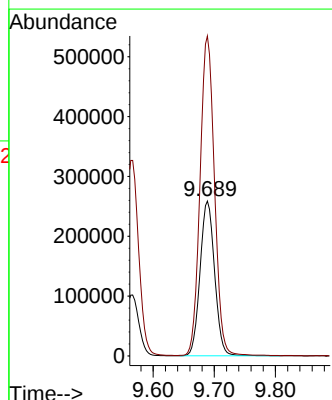
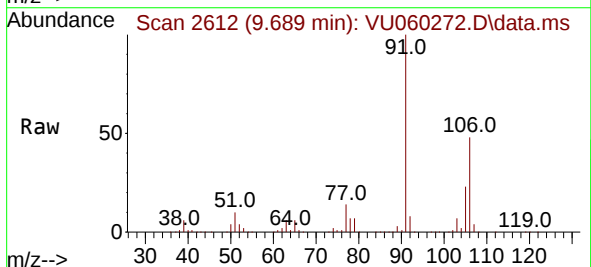
Instrument :  
MSVOA\_U  
ClientSampleId :  
ICVVU073024

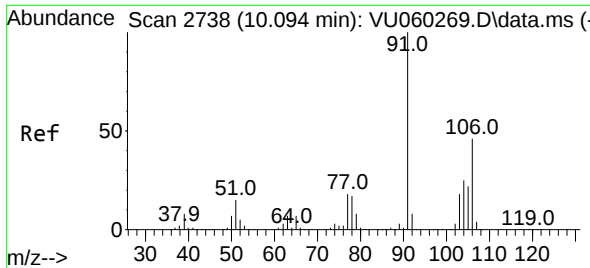
Tgt Ion: 91 Resp: 515963  
Ion Ratio Lower Upper  
91 100  
106 31.2 24.5 36.7



#64  
m/p-Xylenes  
Concen: 19.788 ug/l  
RT: 9.689 min Scan# 2612  
Delta R.T. 0.000 min  
Lab File: VU060272.D  
Acq: 30 Jul 2024 19:27

Tgt Ion: 106 Resp: 426213  
Ion Ratio Lower Upper  
106 100  
91 205.2 164.2 246.4

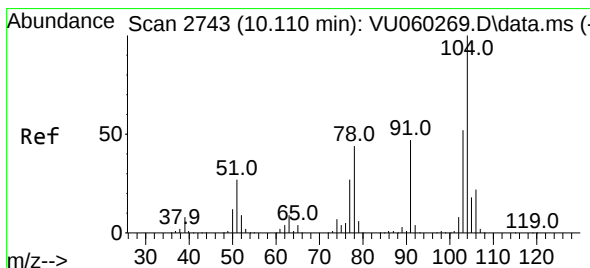
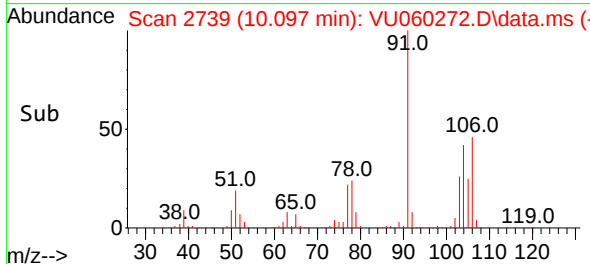
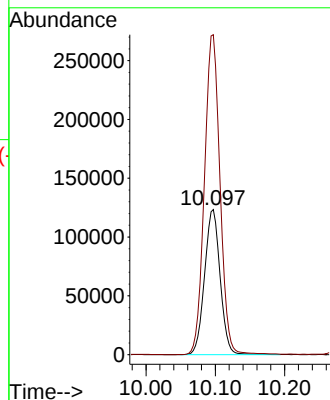
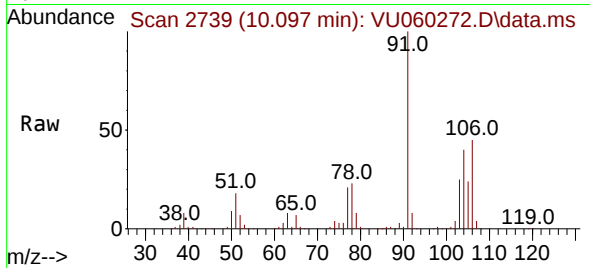




#65  
o-Xylene  
Concen: 9.596 ug/l  
RT: 10.097 min Scan# 21  
Delta R.T. 0.003 min  
Lab File: VU060272.D  
Acq: 30 Jul 2024 19:27

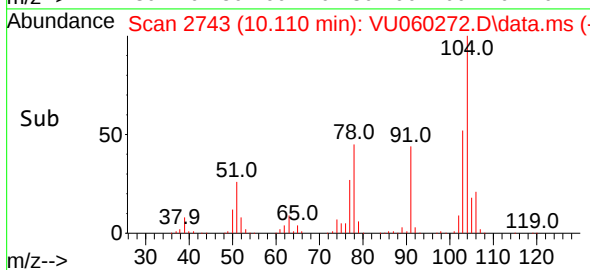
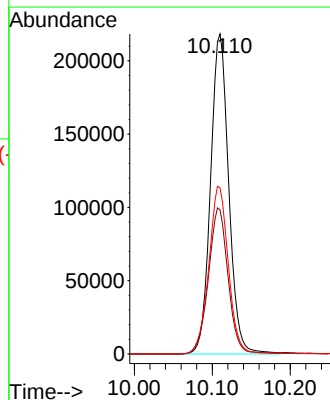
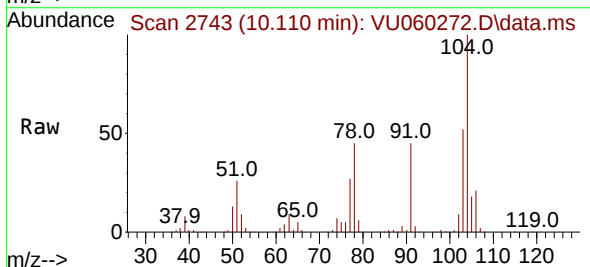
Instrument :  
MSVOA\_U  
ClientSampleId :  
ICVVU073024

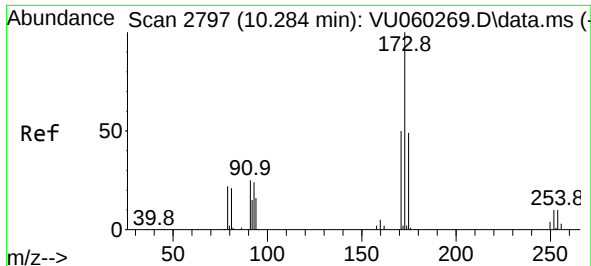
Tgt Ion:106 Resp: 192290  
Ion Ratio Lower Upper  
106 100  
91 221.4 109.4 328.2



#66  
Styrene  
Concen: 10.205 ug/l  
RT: 10.110 min Scan# 2743  
Delta R.T. -0.000 min  
Lab File: VU060272.D  
Acq: 30 Jul 2024 19:27

Tgt Ion:104 Resp: 354504  
Ion Ratio Lower Upper  
104 100  
78 49.4 39.1 58.7  
103 56.2 44.8 67.2

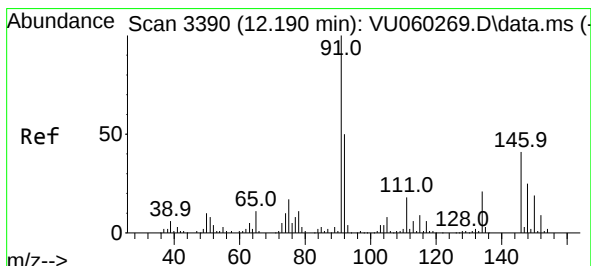
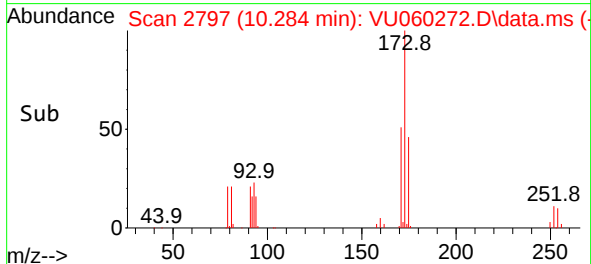
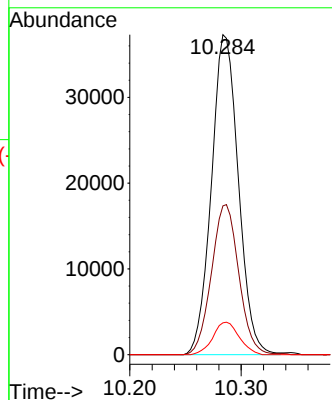
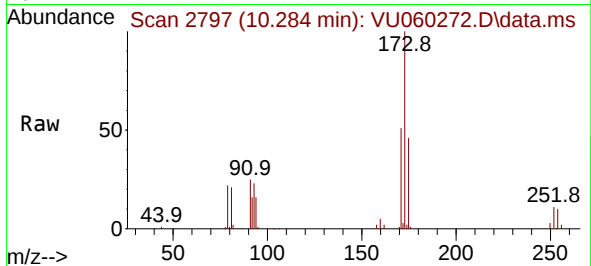




#67  
Bromoform  
Concen: 10.461 ug/l  
RT: 10.284 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VU060272.D  
Acq: 30 Jul 2024 19:27

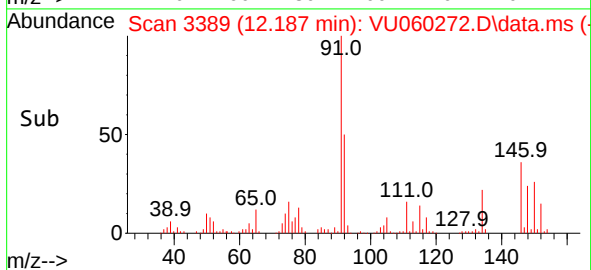
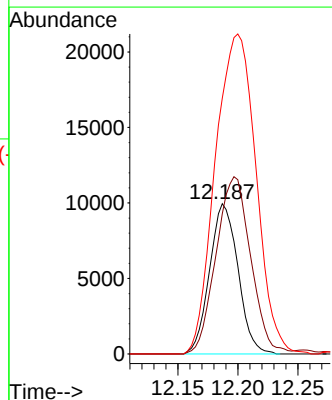
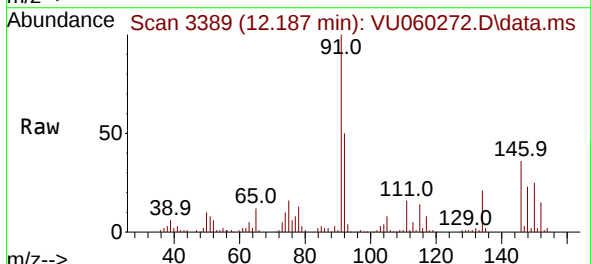
Instrument :  
MSVOA\_U  
ClientSampleId :  
ICVVU073024

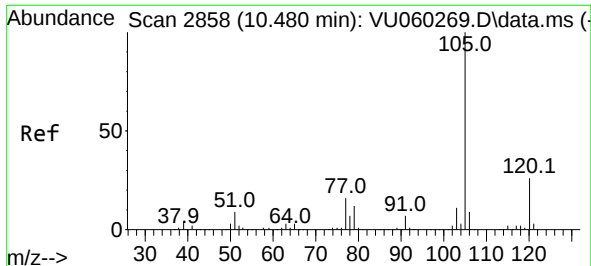
Tgt Ion:173 Resp: 62736  
Ion Ratio Lower Upper  
173 100  
175 47.6 39.4 59.0  
254 10.0 8.4 12.6



#68  
1,2-Dichlorobenzene-d4  
Concen: 1.113 ug/l  
RT: 12.187 min Scan# 3389  
Delta R.T. -0.003 min  
Lab File: VU060272.D  
Acq: 30 Jul 2024 19:27

Tgt Ion:152 Resp: 16406  
Ion Ratio Lower Upper  
152 100  
115 143.7 0.0 305.0  
150 304.8 0.0 671.8

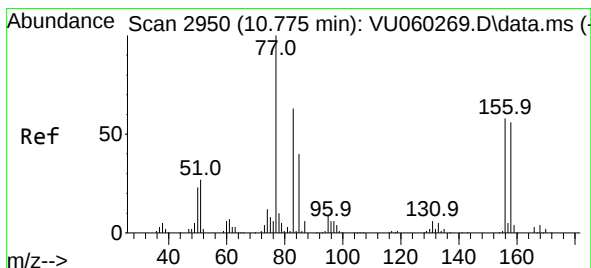
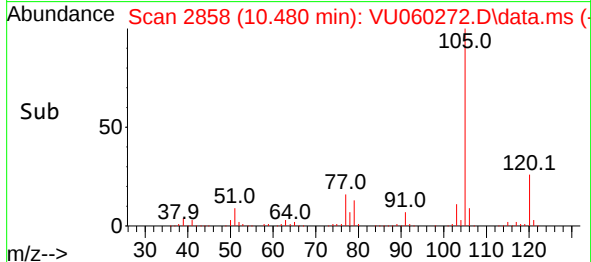
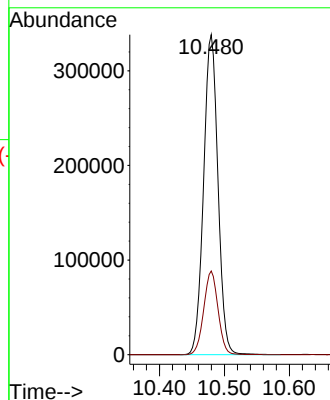
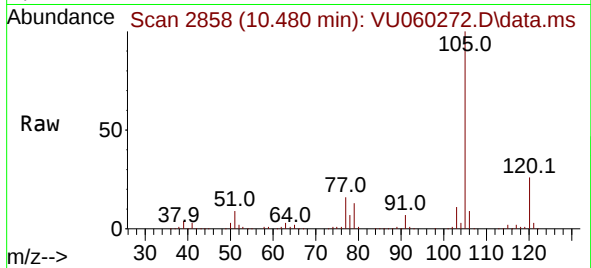




#69  
Isopropylbenzene  
Concen: 10.016 ug/l  
RT: 10.480 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VU060272.D  
Acq: 30 Jul 2024 19:27

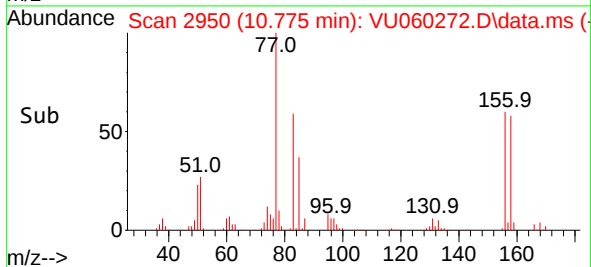
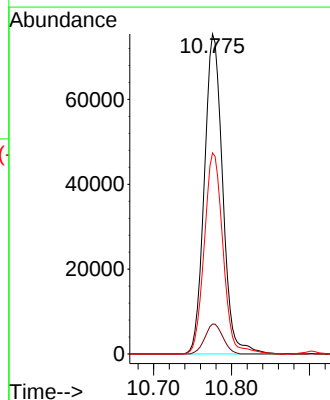
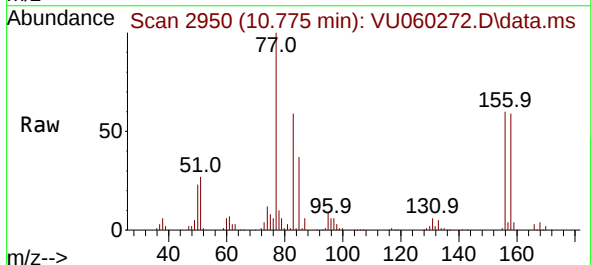
Instrument :  
MSVOA\_U  
ClientSampleId :  
ICVVU073024

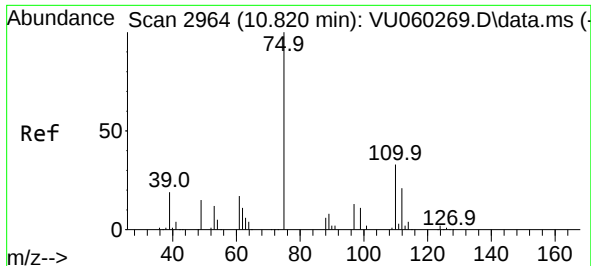
Tgt Ion:105 Resp: 520744  
Ion Ratio Lower Upper  
105 100  
120 26.0 13.1 39.1



#70  
1,1,2,2-Tetrachloroethane  
Concen: 9.910 ug/l  
RT: 10.775 min Scan# 2950  
Delta R.T. -0.000 min  
Lab File: VU060272.D  
Acq: 30 Jul 2024 19:27

Tgt Ion: 83 Resp: 123063  
Ion Ratio Lower Upper  
83 100  
131 9.2 7.0 10.6  
85 64.2 50.3 75.5

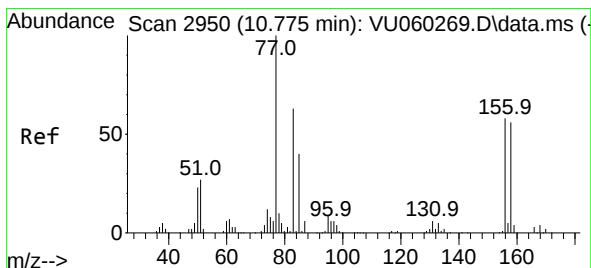
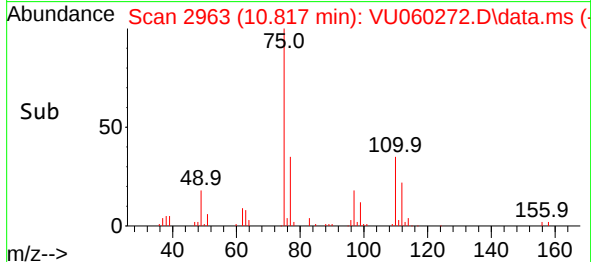
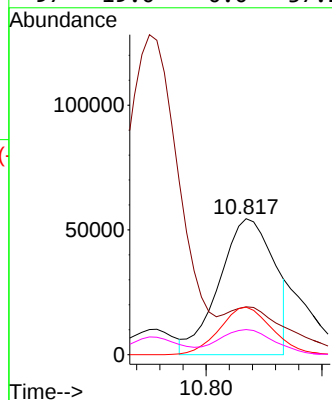
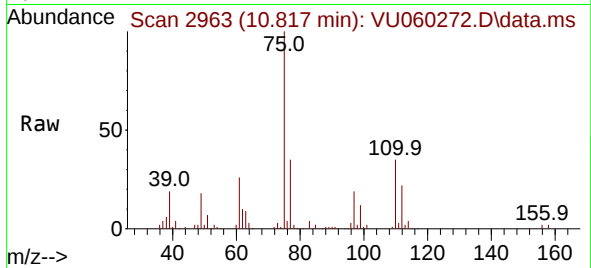




#71  
1,2,3-Trichloropropane  
Concen: 9.895 ug/l m  
RT: 10.817 min Scan# 2963  
Delta R.T. -0.003 min  
Lab File: VU060272.D  
Acq: 30 Jul 2024 19:27

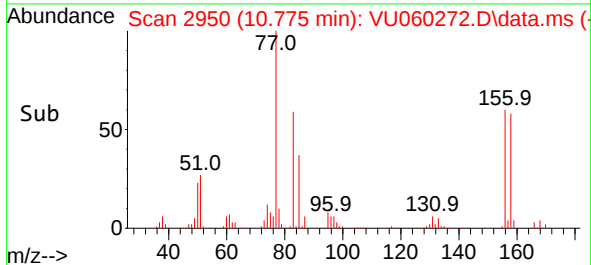
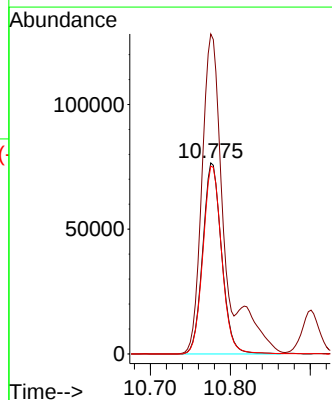
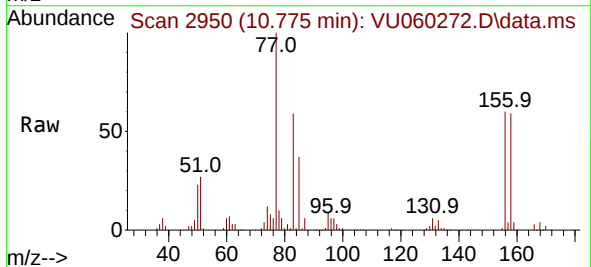
Instrument :  
MSVOA\_U  
ClientSampleId :  
ICVVU073024

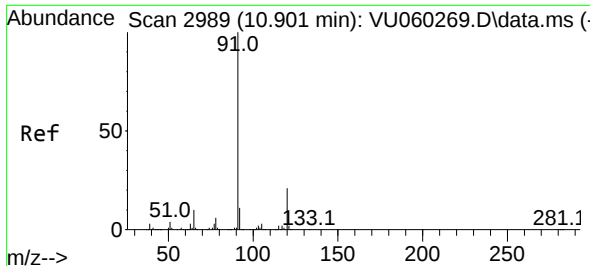
|             |       |             |
|-------------|-------|-------------|
| Tgt Ion: 75 | Resp: | 89615       |
| Ion         | Ratio | Lower Upper |
| 75          | 100   |             |
| 77          | 0.0   | 0.0 96.0    |
| 110         | 33.8  | 0.0 65.4    |
| 97          | 19.0  | 0.0 37.2    |



#72  
Bromobenzene  
Concen: 11.159 ug/l  
RT: 10.775 min Scan# 2950  
Delta R.T. -0.000 min  
Lab File: VU060272.D  
Acq: 30 Jul 2024 19:27

|              |       |             |
|--------------|-------|-------------|
| Tgt Ion: 156 | Resp: | 125501      |
| Ion          | Ratio | Lower Upper |
| 156          | 100   |             |
| 77           | 169.9 | 0.0 344.0   |
| 158          | 98.0  | 0.0 196.0   |

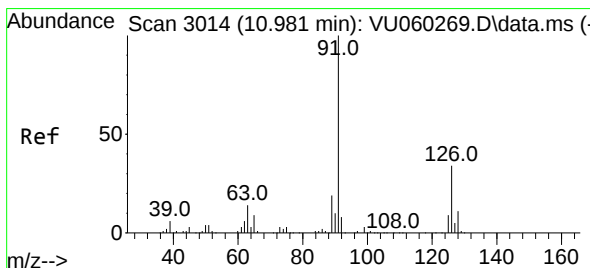
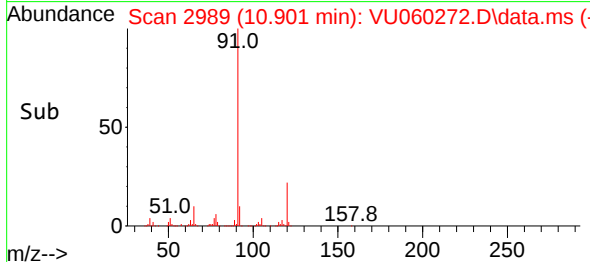
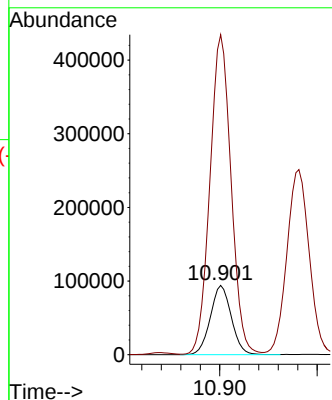
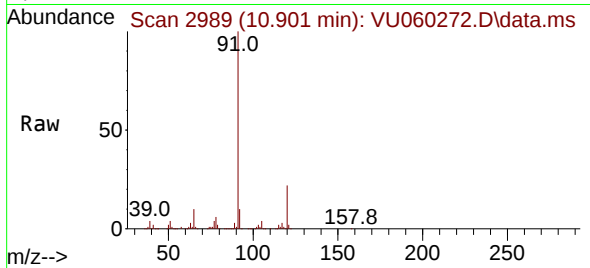




#73  
n-propylbenzene  
Concen: 9.754 ug/l  
RT: 10.901 min Scan# 2989  
Delta R.T. 0.000 min  
Lab File: VU060272.D  
Acq: 30 Jul 2024 19:27

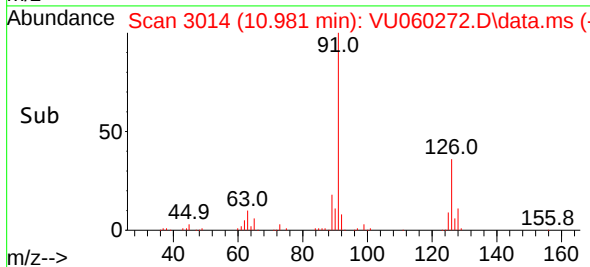
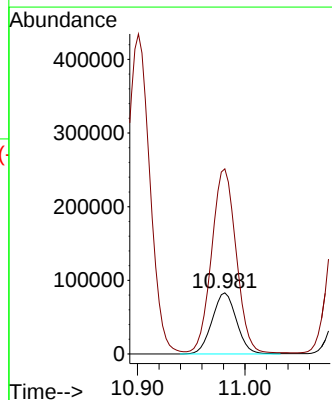
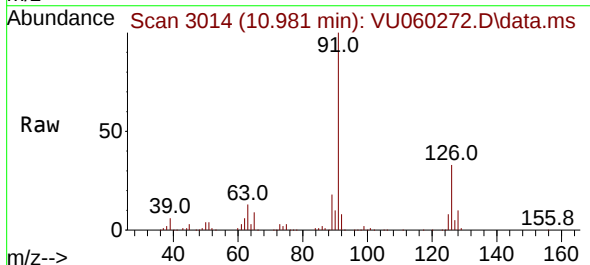
Instrument :  
MSVOA\_U  
ClientSampleId :  
ICVVU073024

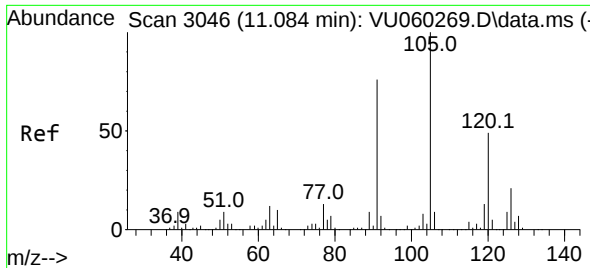
Tgt Ion:120 Resp: 140572  
Ion Ratio Lower Upper  
120 100  
91 463.6 370.7 556.1



#74  
2-Chlorotoluene  
Concen: 11.622 ug/l  
RT: 10.981 min Scan# 3014  
Delta R.T. 0.000 min  
Lab File: VU060272.D  
Acq: 30 Jul 2024 19:27

Tgt Ion:126 Resp: 130603  
Ion Ratio Lower Upper  
126 100  
91 306.5 0.0 613.0

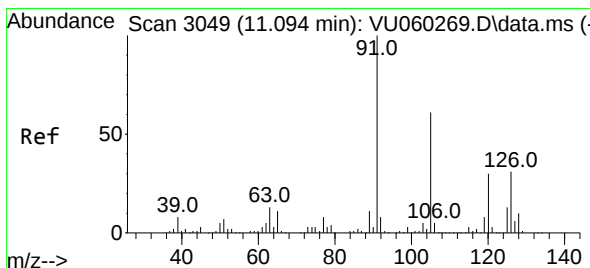
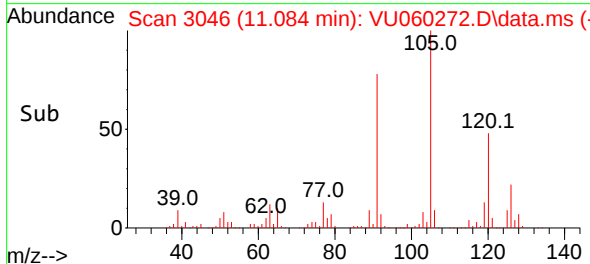
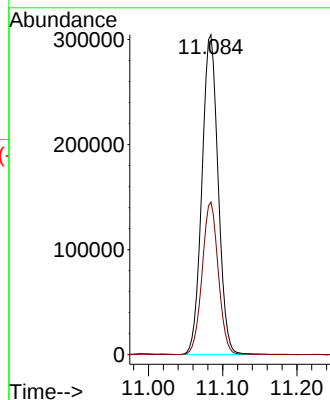
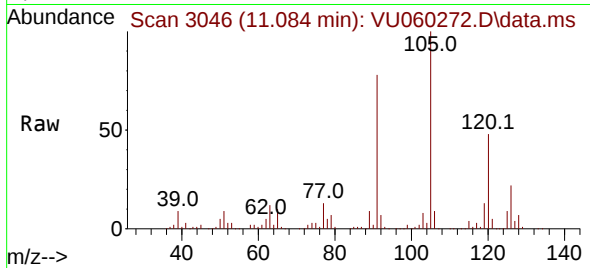




#75  
1,3,5-Trimethylbenzene  
Concen: 10.000 ug/l  
RT: 11.084 min Scan# 3046  
Delta R.T. -0.000 min  
Lab File: VU060272.D  
Acq: 30 Jul 2024 19:27

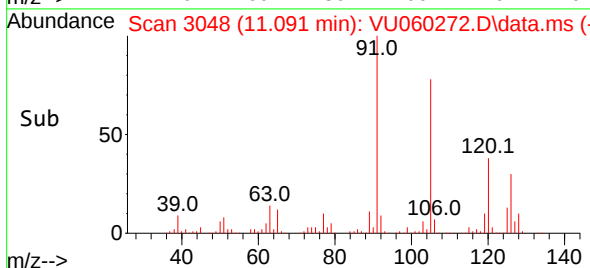
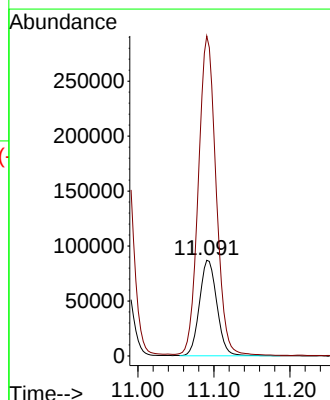
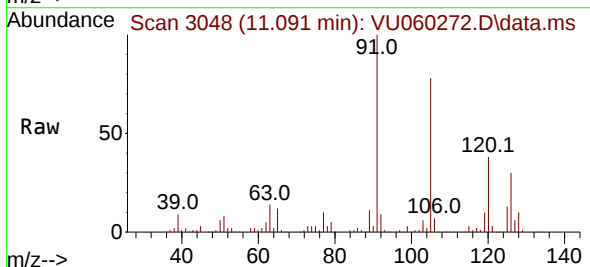
Instrument :  
MSVOA\_U  
ClientSampleId :  
ICVVU073024

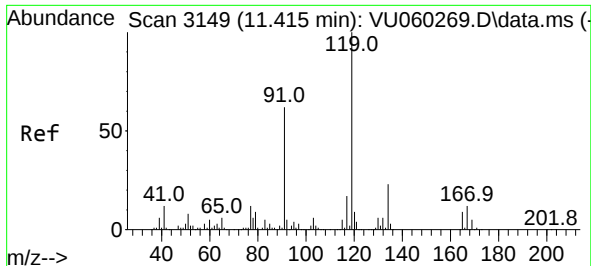
Tgt Ion:105 Resp: 461468  
Ion Ratio Lower Upper  
105 100  
120 47.6 38.5 57.7



#76  
4-Chlorotoluene  
Concen: 10.101 ug/l  
RT: 11.091 min Scan# 3048  
Delta R.T. -0.003 min  
Lab File: VU060272.D  
Acq: 30 Jul 2024 19:27

Tgt Ion:126 Resp: 138451  
Ion Ratio Lower Upper  
126 100  
91 339.5 0.0 679.4

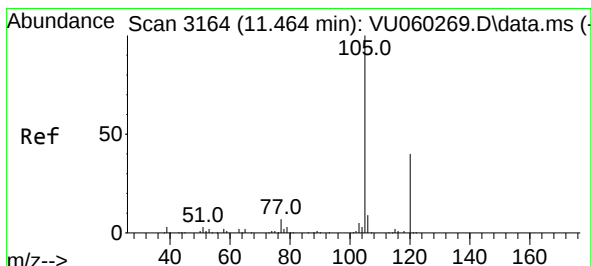
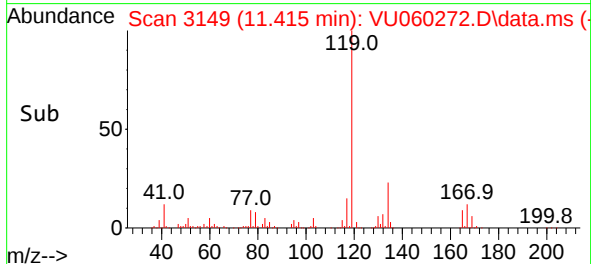
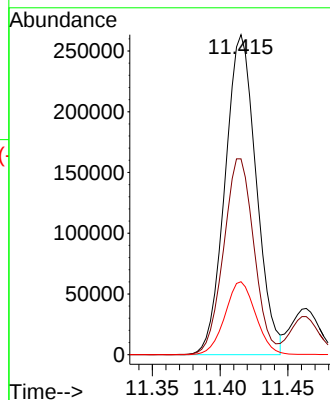
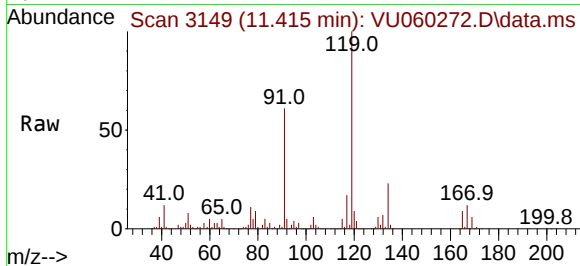




#77  
tert-Butylbenzene  
Concen: 9.986 ug/l  
RT: 11.415 min Scan# 3149  
Delta R.T. 0.000 min  
Lab File: VU060272.D  
Acq: 30 Jul 2024 19:27

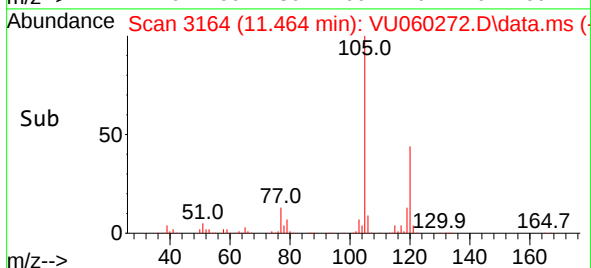
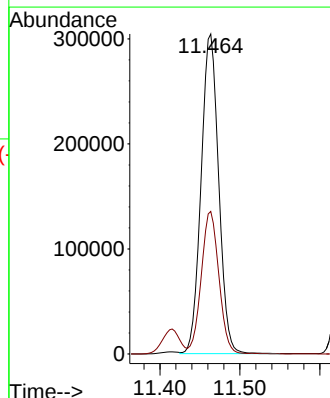
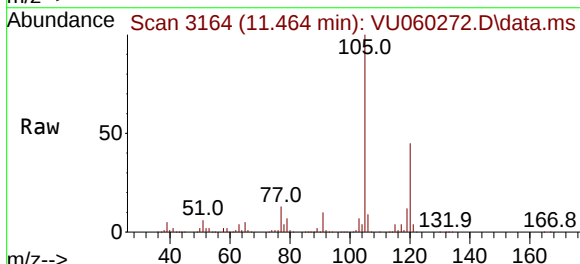
Instrument :  
MSVOA\_U  
ClientSampleId :  
ICVVU073024

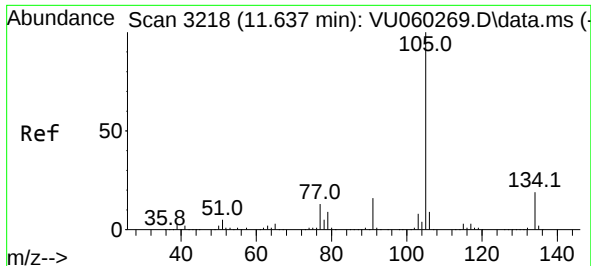
Tgt Ion:119 Resp: 420849  
Ion Ratio Lower Upper  
119 100  
91 59.6 30.1 90.3  
134 22.5 18.5 27.7



#78  
1,2,4-Trimethylbenzene  
Concen: 9.895 ug/l  
RT: 11.464 min Scan# 3164  
Delta R.T. 0.000 min  
Lab File: VU060272.D  
Acq: 30 Jul 2024 19:27

Tgt Ion:105 Resp: 465615  
Ion Ratio Lower Upper  
105 100  
120 44.6 22.6 67.7

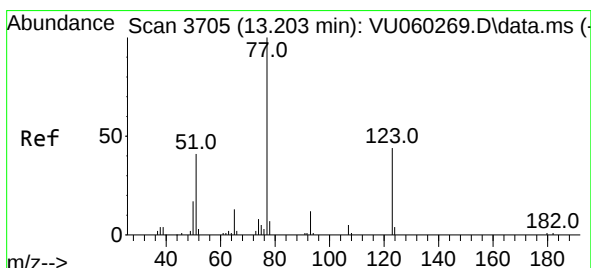
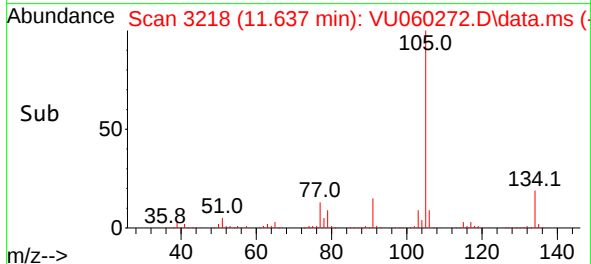
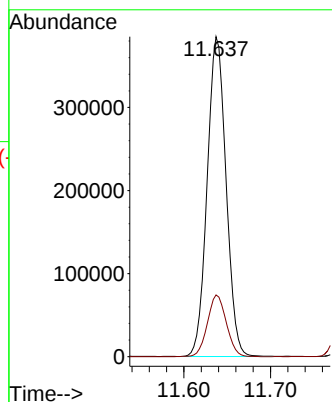
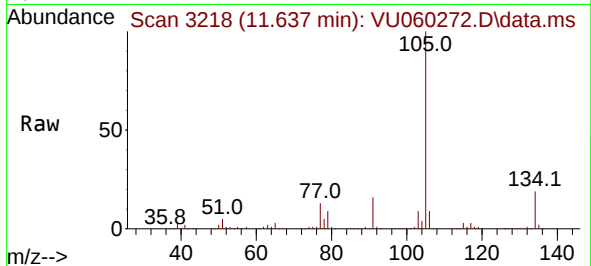




#79  
 sec-Butylbenzene  
 Concen: 9.881 ug/l  
 RT: 11.637 min Scan# 3218  
 Delta R.T. -0.000 min  
 Lab File: VU060272.D  
 Acq: 30 Jul 2024 19:27

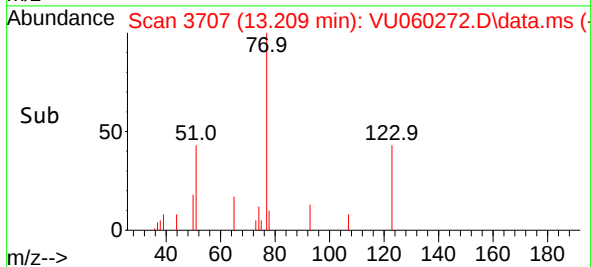
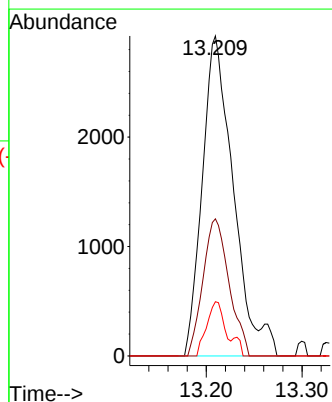
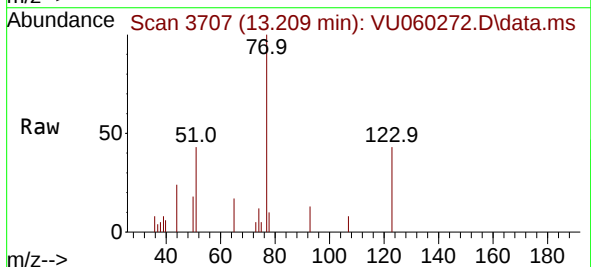
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 ICVVU073024

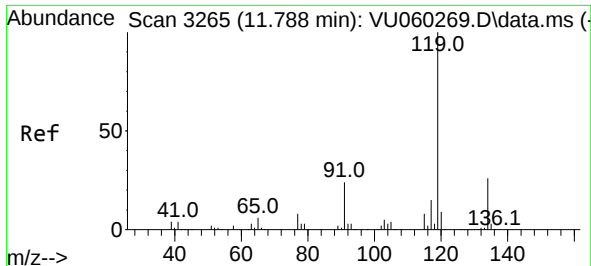
Tgt Ion:105 Resp: 582488  
 Ion Ratio Lower Upper  
 105 100  
 134 19.4 15.1 22.7



#80  
 Nitrobenzene  
 Concen: 11.294 ug/l m  
 RT: 13.209 min Scan# 3707  
 Delta R.T. 0.006 min  
 Lab File: VU060272.D  
 Acq: 30 Jul 2024 19:27

Tgt Ion: 77 Resp: 6592  
 Ion Ratio Lower Upper  
 77 100  
 123 35.9 20.1 71.1  
 65 7.4 10.5 13.3#

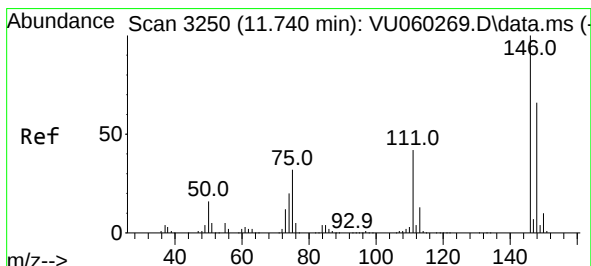
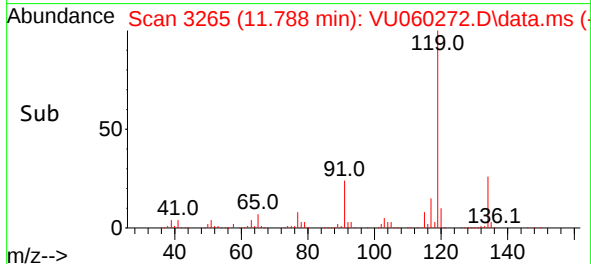
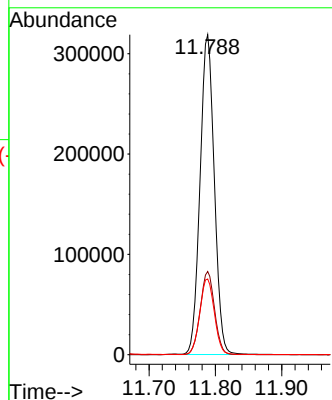
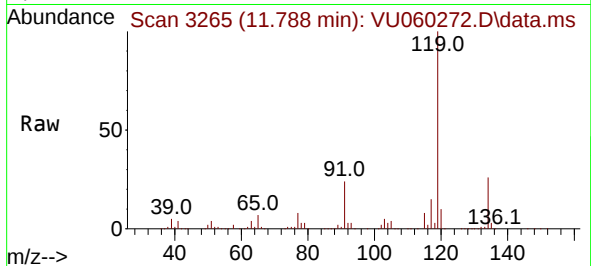




#81  
p-Isopropyltoluene  
Concen: 9.994 ug/l  
RT: 11.788 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VU060272.D  
Acq: 30 Jul 2024 19:27

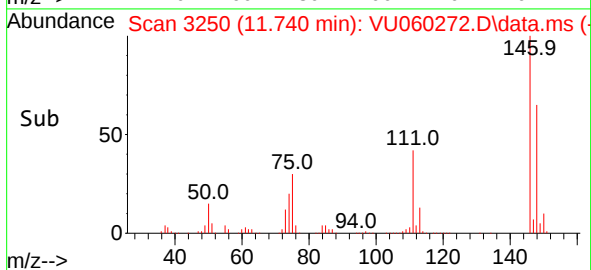
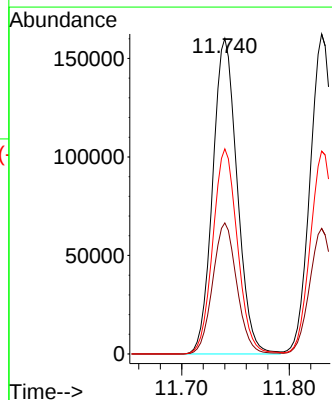
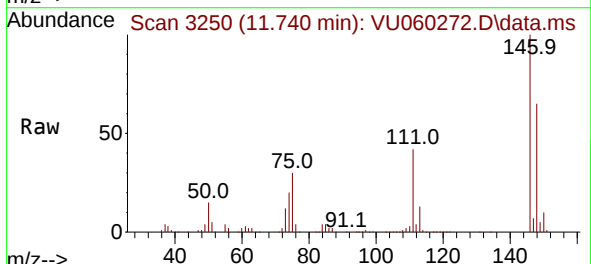
Instrument :  
MSVOA\_U  
ClientSampleId :  
ICVVU073024

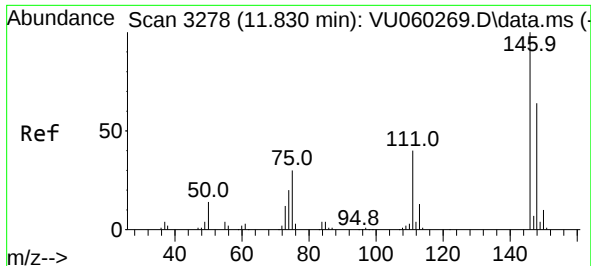
Tgt Ion:119 Resp: 475617  
Ion Ratio Lower Upper  
119 100  
134 26.0 20.6 30.8  
91 24.0 18.8 28.2



#82  
1,3-Dichlorobenzene  
Concen: 11.122 ug/l  
RT: 11.740 min Scan# 3250  
Delta R.T. 0.000 min  
Lab File: VU060272.D  
Acq: 30 Jul 2024 19:27

Tgt Ion:146 Resp: 253240  
Ion Ratio Lower Upper  
146 100  
111 41.0 33.7 50.5  
148 65.4 52.0 78.0

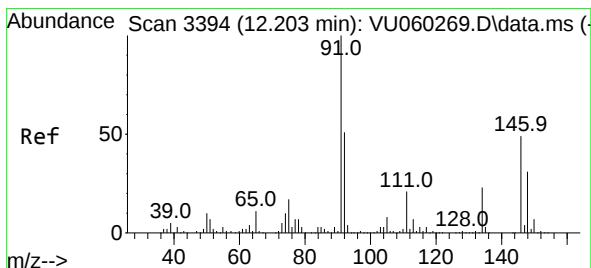
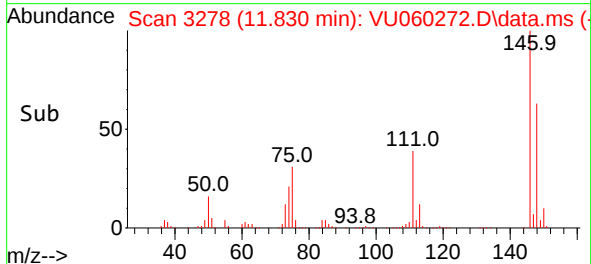
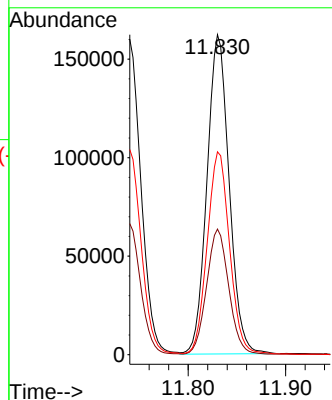
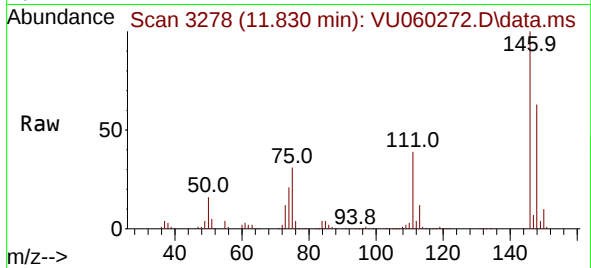




#83  
1,4-Dichlorobenzene  
Concen: 11.309 ug/l  
RT: 11.830 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VU060272.D  
Acq: 30 Jul 2024 19:27

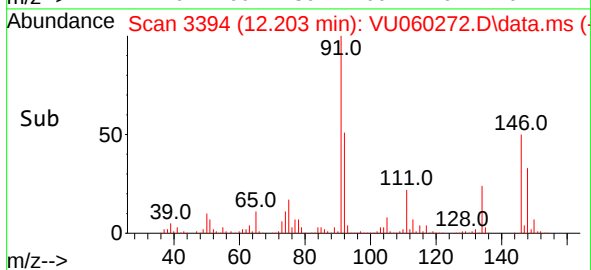
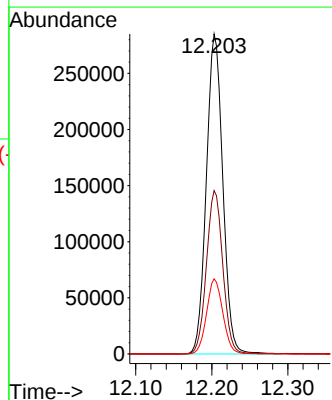
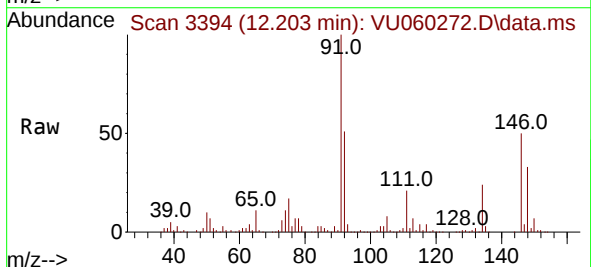
Instrument :  
MSVOA\_U  
ClientSampleId :  
ICVVU073024

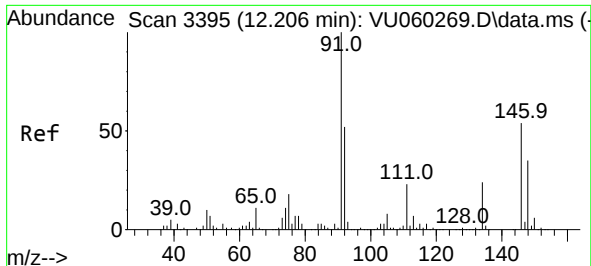
Tgt Ion:146 Resp: 256259  
Ion Ratio Lower Upper  
146 100  
111 39.3 31.3 46.9  
148 64.2 50.6 76.0



#84  
n-Butylbenzene  
Concen: 9.975 ug/l  
RT: 12.203 min Scan# 3394  
Delta R.T. 0.000 min  
Lab File: VU060272.D  
Acq: 30 Jul 2024 19:27

Tgt Ion: 91 Resp: 428381  
Ion Ratio Lower Upper  
91 100  
92 50.8 41.1 61.7  
134 23.2 18.8 28.2

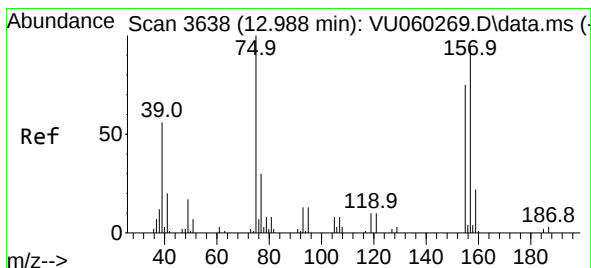
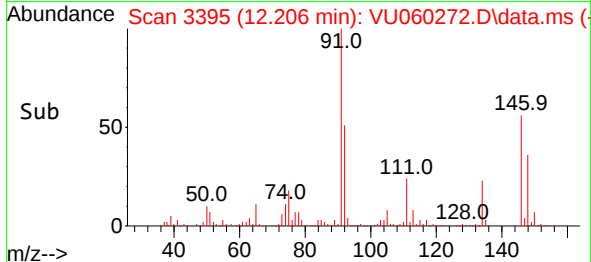
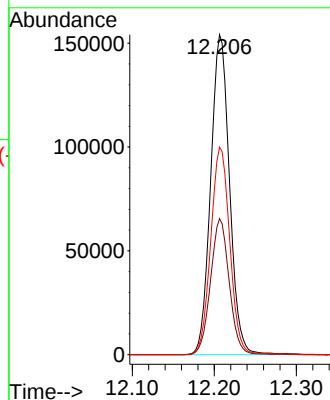
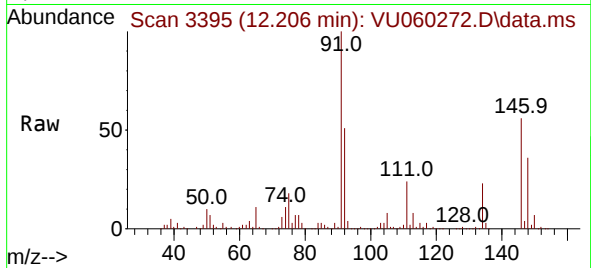




#85  
 1,2-Dichlorobenzene  
 Concen: 11.124 ug/l  
 RT: 12.206 min Scan# 31  
 Delta R.T. 0.000 min  
 Lab File: VU060272.D  
 Acq: 30 Jul 2024 19:27

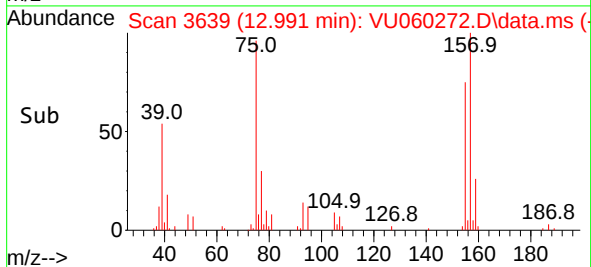
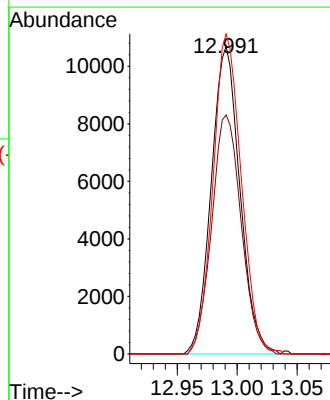
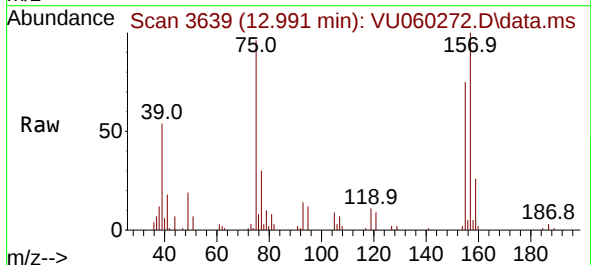
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 ICVVU073024

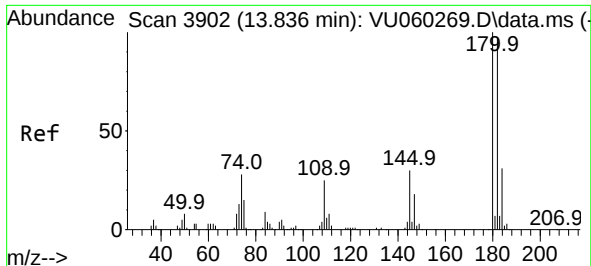
Tgt Ion:146 Resp: 245903  
 Ion Ratio Lower Upper  
 146 100  
 111 42.2 21.6 64.6  
 148 65.4 32.3 96.8



#86  
 1,2-Dibromo-3-Chloropropane  
 Concen: 10.131 ug/l  
 RT: 12.991 min Scan# 3639  
 Delta R.T. 0.003 min  
 Lab File: VU060272.D  
 Acq: 30 Jul 2024 19:27

Tgt Ion: 75 Resp: 17747  
 Ion Ratio Lower Upper  
 75 100  
 155 80.0 64.5 96.7  
 157 102.7 79.3 118.9

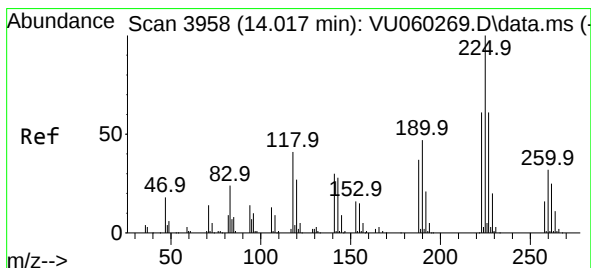
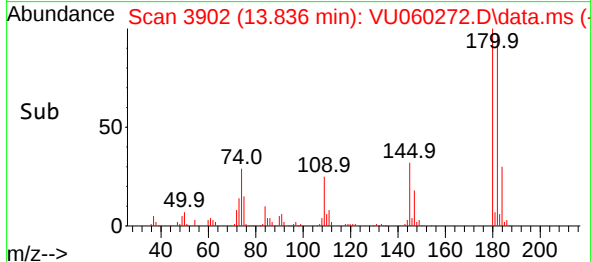
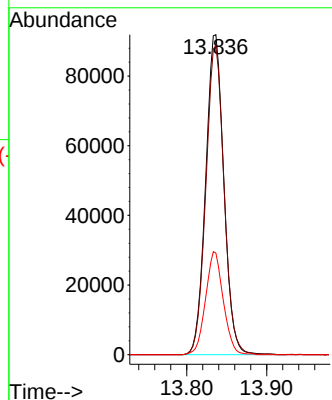
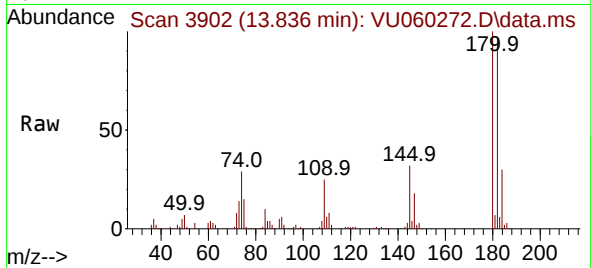




#87  
 1,2,4-Trichlorobenzene  
 Concen: 12.566 ug/l  
 RT: 13.836 min Scan# 3902  
 Delta R.T. -0.000 min  
 Lab File: VU060272.D  
 Acq: 30 Jul 2024 19:27

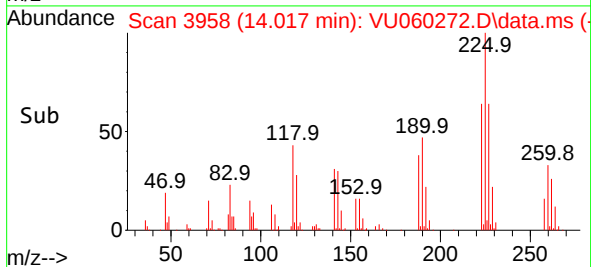
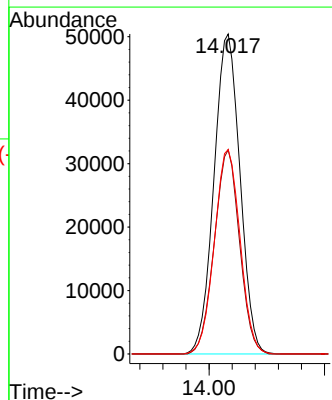
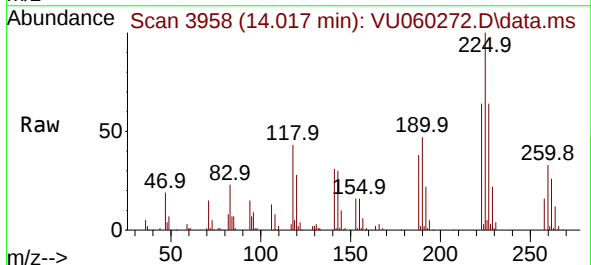
Instrument :  
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 ClientSampleId :  
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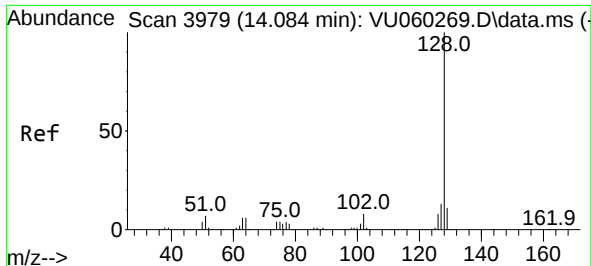
Tgt Ion:180 Resp: 145510  
 Ion Ratio Lower Upper  
 180 100  
 182 96.7 76.5 114.7  
 145 31.4 23.8 35.8



#88  
 Hexachlorobutadiene  
 Concen: 10.340 ug/l  
 RT: 14.017 min Scan# 3958  
 Delta R.T. 0.000 min  
 Lab File: VU060272.D  
 Acq: 30 Jul 2024 19:27

Tgt Ion:225 Resp: 78784  
 Ion Ratio Lower Upper  
 225 100  
 223 61.8 50.2 75.2  
 227 63.3 50.4 75.6

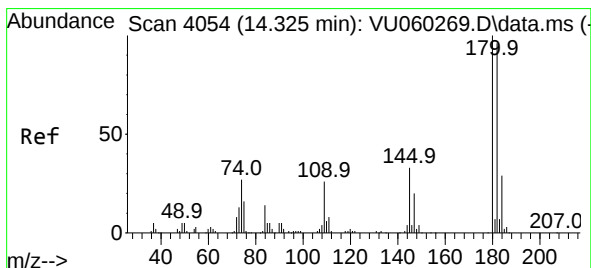
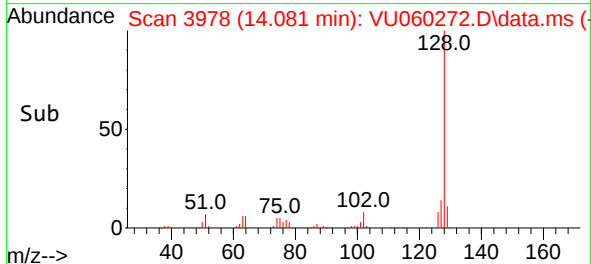
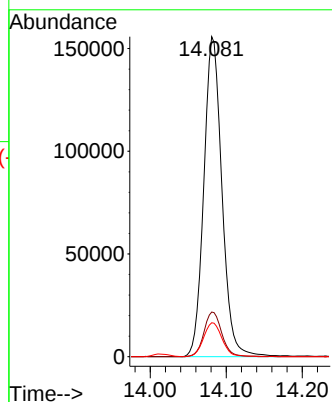
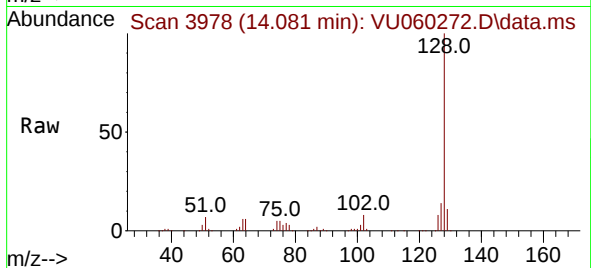




#89  
Naphthalene  
Concen: 10.422 ug/l  
RT: 14.081 min Scan# 3979  
Delta R.T. -0.003 min  
Lab File: VU060272.D  
Acq: 30 Jul 2024 19:27

Instrument :  
MSVOA\_U  
ClientSampleId :  
ICVVU073024

Tgt Ion:128 Resp: 258202  
Ion Ratio Lower Upper  
128 100  
127 13.7 10.5 15.7  
129 10.8 8.7 13.1



#90  
1,2,3-Trichlorobenzene  
Concen: 10.177 ug/l  
RT: 14.325 min Scan# 4054  
Delta R.T. 0.000 min  
Lab File: VU060272.D  
Acq: 30 Jul 2024 19:27

Tgt Ion:180 Resp: 138477  
Ion Ratio Lower Upper  
180 100  
182 95.9 76.2 114.2  
145 32.0 25.6 38.4

