

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU070821\  
 Data File : VU044335.D  
 Acq On : 08 Jul 2021 21:34  
 Operator : SY/MD  
 Sample : VSTDCCC010  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Jul 09 05:41:51 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\524U070721DW.M  
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER  
 QLast Update : Thu Jul 08 15:34:52 2021  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon | Response | Conc    | Units   | Dev(Min) |
|------------------------------|--------|------|----------|---------|---------|----------|
| -----                        |        |      |          |         |         |          |
| Internal Standards           |        |      |          |         |         |          |
| 1) Fluorobenzene             | 6.121  | 96   | 25126    | 1.000   | ug/l    | # 0.00   |
| System Monitoring Compounds  |        |      |          |         |         |          |
| 57) 4-Bromofluorobenzene     | 10.639 | 95   | 10488    | 0.942   | ug/l    | 0.00     |
| Spiked Amount 1.000          |        |      | Recovery | =       | 94.000% |          |
| 68) 1,2-Dichlorobenzene-d4   | 12.201 | 152  | 10747    | 0.969   | ug/l    | 0.00     |
| Spiked Amount 1.000          |        |      | Recovery | =       | 97.000% |          |
| Target Compounds             |        |      |          |         |         |          |
|                              |        |      |          |         | Qvalue  |          |
| 2) Dichlorodifluoromethane   | 1.391  | 85   | 88241    | 10.141  | ug/l    | 98       |
| 3) Chloromethane             | 1.526  | 50   | 86075    | 10.270  | ug/l    | 100      |
| 4) Vinyl Chloride            | 1.610  | 62   | 94154    | 10.688  | ug/l    | 100      |
| 5) Bromomethane              | 1.864  | 94   | 53983    | 10.287  | ug/l    | 100      |
| 6) Chloroethane              | 1.941  | 64   | 62155    | 10.570  | ug/l    | 97       |
| 7) Trichlorofluoromethane    | 2.147  | 101  | 142375   | 10.667  | ug/l    | 99       |
| 8) 1,1,2-Trichloro-1,2,2-... | 2.591  | 101  | 81308    | 10.574  | ug/l    | 98       |
| 9) 1,1-Dichloroethene        | 2.587  | 96   | 70948    | 10.560  | ug/l    | 94       |
| 10) Iodomethane              | 2.732  | 142  | 96436    | 13.623  | ug/l    | 99       |
| 11) Allyl Chloride           | 2.932  | 41   | 119811   | 10.034  | ug/l    | 98       |
| 12) Acrylonitrile            | 3.330  | 53   | 29049    | 19.308  | ug/l    | 99       |
| 13) Acetone                  | 2.636  | 43   | 42042    | 42.124  | ug/l    | 98       |
| 14) Carbon Disulfide         | 2.803  | 76   | 186076   | 10.236  | ug/l    | 99       |
| 15) Methylene Chloride       | 3.054  | 84   | 93867    | 11.036  | ug/l    | 100      |
| 16) trans-1,2-Dichloroethene | 3.362  | 96   | 77585    | 10.432  | ug/l    | 99       |
| 17) 1,1-Dichloroethane       | 3.880  | 63   | 159862   | 10.650  | ug/l    | 100      |
| 18) 2-Butanone               | 4.732  | 43   | 93745    | 47.861  | ug/l    | 98       |
| 19) Cyclohexane              | 5.388  | 56   | 127653   | 10.621  | ug/l    | 100      |
| 20) Methylcyclohexane        | 6.767  | 83   | 126437   | 10.242  | ug/l    | 99       |
| 21) 2,2-Dichloropropane      | 4.674  | 77   | 134350   | 9.195   | ug/l    | 100      |
| 22) cis-1,2-Dichloroethene   | 4.677  | 96   | 92231    | 10.523  | ug/l    | 96       |
| 23) Diethyl Ether            | 2.385  | 59   | 59403    | 10.600  | ug/l    | 98       |
| 24) tert-Butyl Alcohol       | 3.205  | 59   | 46909    | 108.845 | ug/l    | 97       |
| 25) Methyl tert-Butyl Ether  | 3.378  | 73   | 218296   | 10.579  | ug/l    | 99       |
| 26) Bromochloromethane       | 4.986  | 128  | 40647    | 10.601  | ug/l    | 99       |
| 27) Chloroform               | 5.099  | 83   | 163799   | 10.318  | ug/l    | 98       |
| 28) 1,1,1-Trichloroethane    | 5.324  | 97   | 147682   | 10.536  | ug/l    | 99       |
| 29) 1,1-Dichloropropene      | 5.533  | 75   | 104071   | 10.171  | ug/l    | 99       |
| 30) Carbon Tetrachloride     | 5.529  | 117  | 110358   | 10.226  | ug/l    | 100      |
| 31) Isopropyl Ether          | 4.015  | 45   | 275545   | 10.721  | ug/l    | 99       |
| 32) Ethyl-t-butyl ether      | 4.523  | 59   | 271049   | 10.933  | ug/l    | 97       |
| 33) Tert-Amyl methyl ether   | 5.960  | 73   | 212373   | 10.614  | ug/l    | 99       |
| 34) Propionitrile            | 4.800  | 54   | 24762    | 49.874  | ug/l    | # 97     |
| 35) Benzene                  | 5.780  | 78   | 297082   | 10.497  | ug/l    | 99       |
| 36) 1,2-Dichloroethane       | 5.806  | 62   | 99338    | 10.750  | ug/l    | 100      |
| 37) Trichloroethene          | 6.549  | 130  | 81754    | 10.359  | ug/l    | 99       |
| 38) 1,2-Dichloropropane      | 6.803  | 63   | 82794    | 10.513  | ug/l    | 100      |
| 39) Methacrylonitrile        | 4.993  | 41   | 32170    | 10.419  | ug/l    | 96       |
| 40) Methyl acrylate          | 4.864  | 55   | 47046    | 10.945  | ug/l    | 97       |
| 41) Tetrahydrofuran          | 5.079  | 42   | 28023    | 21.788  | ug/l    | 96       |
| 42) 1-Chlorobutane           | 5.465  | 56   | 145761   | 10.301  | ug/l    | 98       |
| 43) Dibromomethane           | 6.928  | 93   | 43472    | 10.470  | ug/l    | 99       |
| 44) Bromodichloromethane     | 7.118  | 83   | 107800   | 10.233  | ug/l    | 98       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU070821\  
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 Acq On : 08 Jul 2021 21:34  
 Operator : SY/MD  
 Sample : VSTDCCC010  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 13 Sample Multiplier: 1

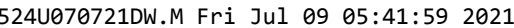
Instrument :  
 MSVOA\_U  
 ClientSampleId :

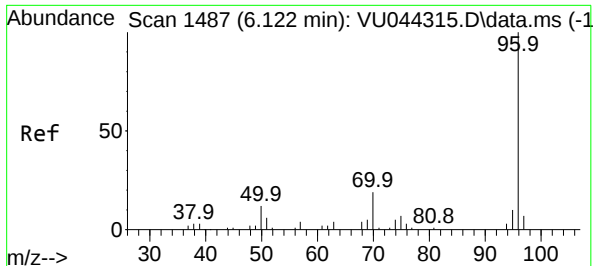
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\524U070721DW.M  
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER  
 QLast Update : Thu Jul 08 15:34:52 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 45) 4-Methyl-2-Pentanone      | 7.809  | 43   | 312691   | 52.641 | ug/l   | 99       |
| 46) t-1,4-Dichloro-2-butene   | 10.835 | 75   | 108537   | 46.664 | ug/l # | 55       |
| 47) Methyl methacrylate       | 6.976  | 69   | 90508    | 21.290 | ug/l   | 99       |
| 48) Ethyl methacrylate        | 8.346  | 69   | 93158    | 10.244 | ug/l   | 99       |
| 49) Toluene                   | 7.976  | 92   | 194472   | 10.458 | ug/l   | 99       |
| 50) t-1,3-Dichloropropene     | 8.221  | 75   | 107841   | 10.059 | ug/l   | 97       |
| 51) cis-1,3-Dichloropropene   | 7.616  | 75   | 122539   | 10.066 | ug/l   | 98       |
| 52) 1,1,2-Trichloroethane     | 8.410  | 97   | 62128    | 10.784 | ug/l   | 99       |
| 53) 1,3-Dichloropropane       | 8.584  | 76   | 111433   | 10.527 | ug/l   | 99       |
| 54) 2-Hexanone                | 8.700  | 43   | 218626   | 50.586 | ug/l   | 99       |
| 55) Dibromochloromethane      | 8.819  | 129  | 77158    | 10.404 | ug/l   | 99       |
| 56) 1,2-Dibromoethane         | 8.934  | 107  | 60659    | 10.534 | ug/l   | 100      |
| 58) Tetrachloroethene         | 8.558  | 164  | 76819    | 10.543 | ug/l   | 98       |
| 59) Chlorobenzene             | 9.455  | 112  | 219088   | 10.417 | ug/l   | 99       |
| 60) 1,1,1,2-Tetrachloroethane | 9.542  | 131  | 81580    | 10.364 | ug/l   | 99       |
| 61) Pentachloroethane         | 11.436 | 117  | 61152    | 10.269 | ug/l   | 96       |
| 62) Hexachloroethane          | 12.481 | 117  | 68492    | 10.143 | ug/l   | 99       |
| 63) Ethyl Benzene             | 9.578  | 91   | 387814   | 10.420 | ug/l   | 99       |
| 64) m/p-Xylenes               | 9.700  | 106  | 301131   | 20.837 | ug/l   | 99       |
| 65) o-Xylene                  | 10.108 | 106  | 148650   | 10.525 | ug/l   | 99       |
| 66) Styrene                   | 10.121 | 104  | 254486   | 10.495 | ug/l   | 99       |
| 67) Bromoform                 | 10.298 | 173  | 43381    | 10.129 | ug/l   | 98       |
| 69) Isopropylbenzene          | 10.491 | 105  | 400383   | 10.364 | ug/l   | 100      |
| 70) 1,1,2,2-Tetrachloroethane | 10.790 | 83   | 81002    | 10.472 | ug/l   | 97       |
| 71) 1,2,3-Trichloropropane    | 10.835 | 75   | 108537   | 17.784 | ug/l   | 72       |
| 72) Bromobenzene              | 10.790 | 156  | 93730    | 10.402 | ug/l   | 99       |
| 73) n-propylbenzene           | 10.912 | 120  | 110605   | 10.443 | ug/l   | 98       |
| 74) 2-Chlorotoluene           | 10.992 | 126  | 93338    | 10.221 | ug/l   | 99       |
| 75) 1,3,5-Trimethylbenzene    | 11.095 | 105  | 346686   | 10.483 | ug/l   | 100      |
| 76) 4-Chlorotoluene           | 11.105 | 126  | 99240    | 10.334 | ug/l   | 97       |
| 77) tert-Butylbenzene         | 11.426 | 119  | 343220   | 10.324 | ug/l   | 99       |
| 78) 1,2,4-Trimethylbenzene    | 11.475 | 105  | 351780   | 10.514 | ug/l   | 99       |
| 79) sec-Butylbenzene          | 11.651 | 105  | 459359   | 10.431 | ug/l   | 100      |
| 80) Nitrobenzene              | 13.214 | 77   | 11142    | 35.135 | ug/l # | 96       |
| 81) p-Isopropyltoluene        | 11.799 | 119  | 395259   | 10.600 | ug/l   | 99       |
| 82) 1,3-Dichlorobenzene       | 11.751 | 146  | 186614   | 10.162 | ug/l   | 99       |
| 83) 1,4-Dichlorobenzene       | 11.841 | 146  | 187374   | 10.267 | ug/l   | 98       |
| 84) n-Butylbenzene            | 12.214 | 91   | 368985   | 10.336 | ug/l   | 99       |
| 85) 1,2-Dichlorobenzene       | 12.217 | 146  | 181854   | 10.443 | ug/l   | 100      |
| 86) 1,2-Dibromo-3-Chloropr... | 13.002 | 75   | 15532    | 10.543 | ug/l   | 97       |
| 87) 1,2,4-Trichlorobenzene    | 13.847 | 180  | 125854   | 10.080 | ug/l   | 99       |
| 88) Hexachlorobutadiene       | 14.028 | 225  | 64996    | 10.144 | ug/l   | 99       |
| 89) Naphthalene               | 14.092 | 128  | 243198   | 10.167 | ug/l   | 100      |
| 90) 1,2,3-Trichlorobenzene    | 14.336 | 180  | 114160   | 10.348 | ug/l   | 99       |

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

Quant Time: Jul 09 05:41:51 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\524U070721DW.M  
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QLast Update : Thu Jul 08 15:34:52 2021  
Response via : Initial Calibration

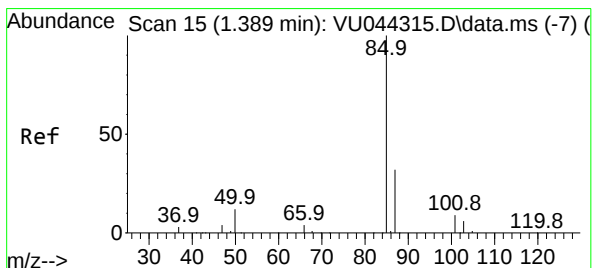
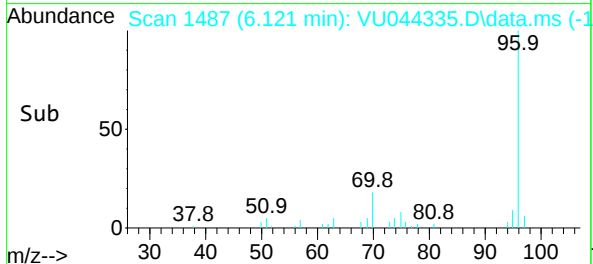
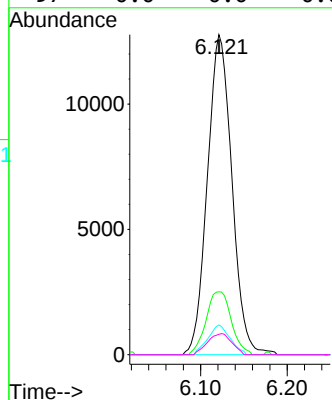
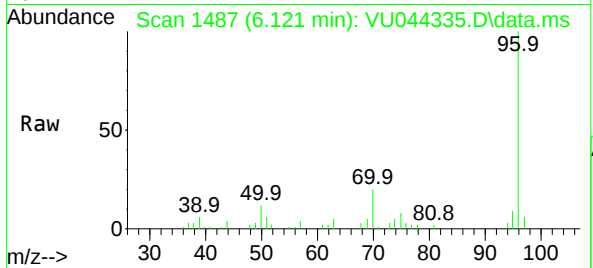




#1  
Fluorobenzene  
Concen: 1.000 ug/l  
RT: 6.121 min Scan# 1487  
Delta R.T. -0.001 min  
Lab File: VU044335.D  
Acq: 08 Jul 2021 21:34

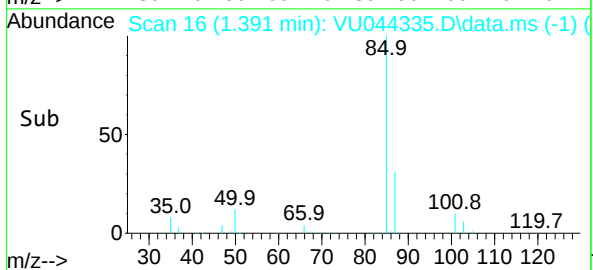
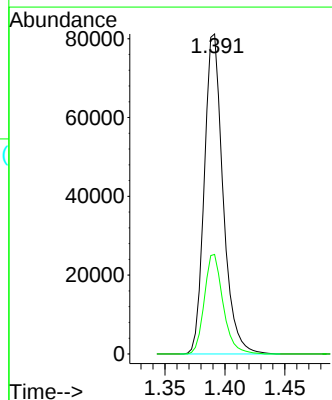
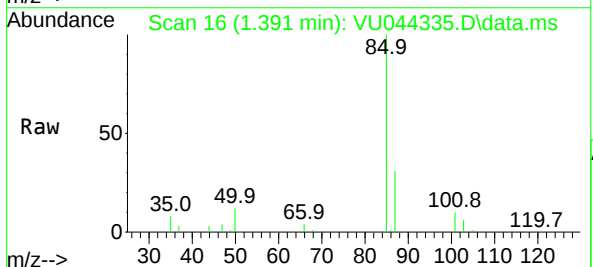
Instrument :  
MSVOA\_U  
ClientSampled :

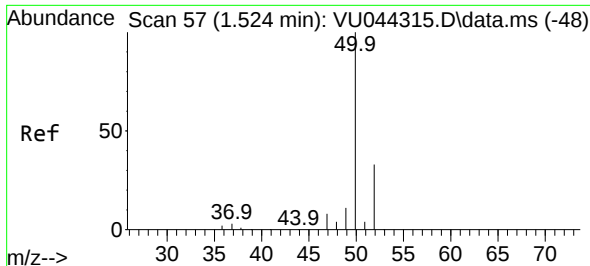
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 96    | Resp: | 25126 |
| Ion Ratio | Lower | Upper |       |
| 96        | 100   |       |       |
| 70        | 20.2  | 16.2  | 24.2  |
| 95        | 8.4   | 7.3   | 10.9  |
| 97        | 0.0   | 0.0   | 0.0   |



#2  
Dichlorodifluoromethane  
Concen: 10.141 ug/l  
RT: 1.391 min Scan# 16  
Delta R.T. 0.003 min  
Lab File: VU044335.D  
Acq: 08 Jul 2021 21:34

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 85    | Resp: | 88241 |
| Ion Ratio | Lower | Upper |       |
| 85        | 100   |       |       |
| 87        | 31.1  | 16.0  | 48.0  |

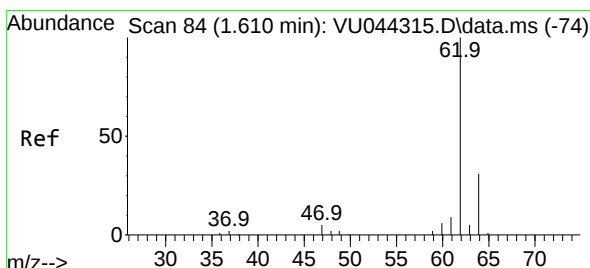
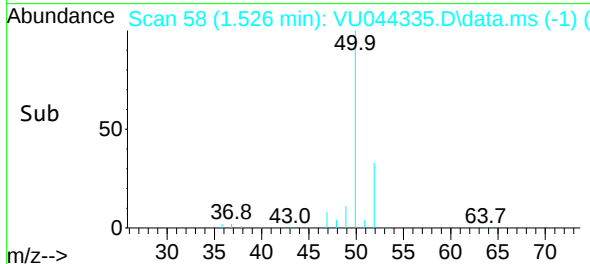
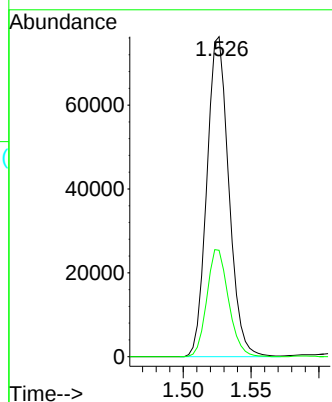
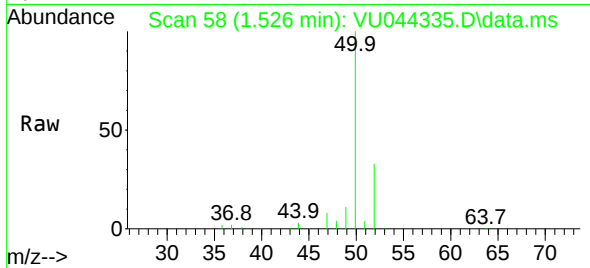




#3  
Chloromethane  
Concen: 10.270 ug/l  
RT: 1.526 min Scan# 58  
Delta R.T. 0.003 min  
Lab File: VU044335.D  
Acq: 08 Jul 2021 21:34

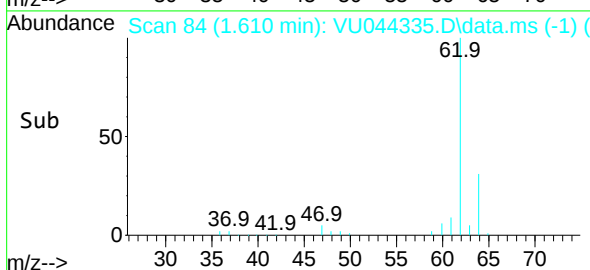
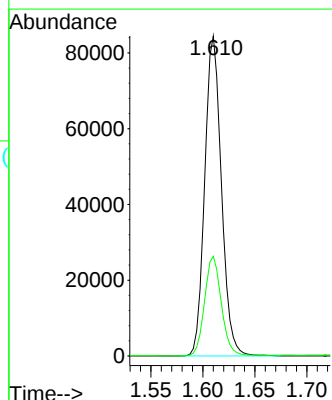
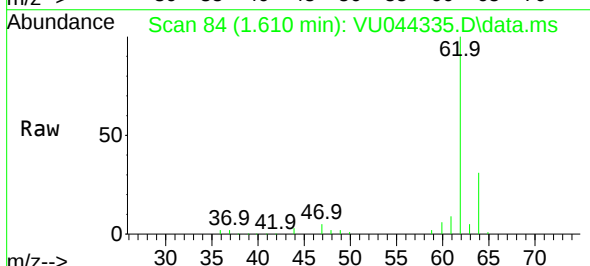
Instrument :  
MSVOA\_U  
ClientSampleId :

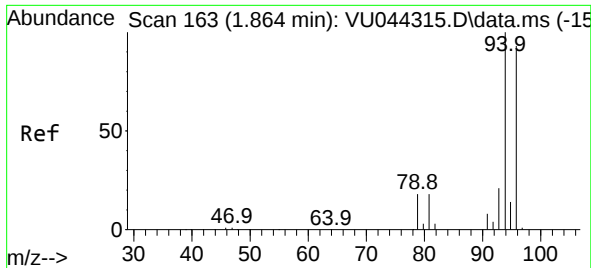
Tgt Ion: 50 Resp: 86075  
Ion Ratio Lower Upper  
50 100  
52 33.3 26.7 40.1



#4  
Vinyl Chloride  
Concen: 10.688 ug/l  
RT: 1.610 min Scan# 84  
Delta R.T. -0.000 min  
Lab File: VU044335.D  
Acq: 08 Jul 2021 21:34

Tgt Ion: 62 Resp: 94154  
Ion Ratio Lower Upper  
62 100  
64 31.2 25.1 37.7

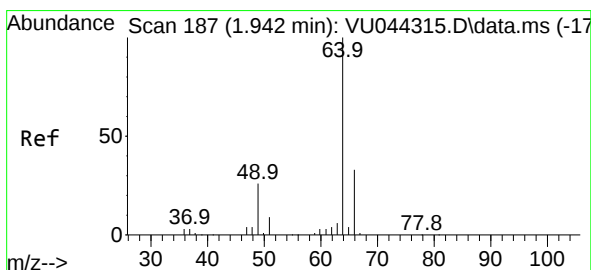
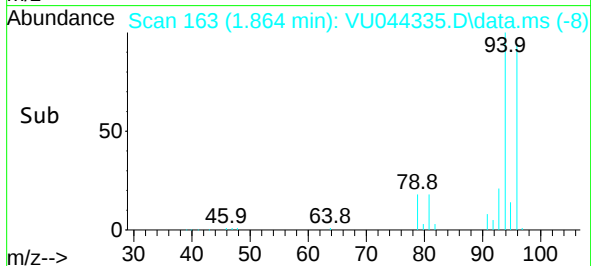
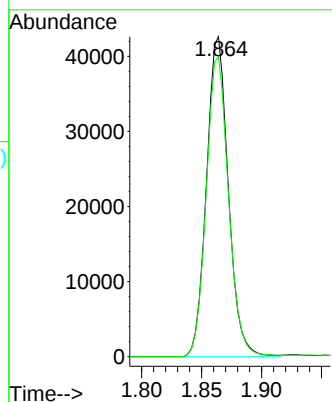
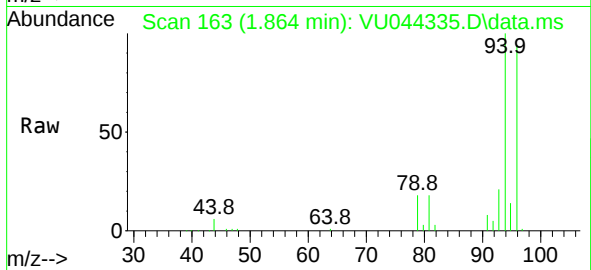




#5  
Bromomethane  
Concen: 10.287 ug/l  
RT: 1.864 min Scan# 163  
Delta R.T. -0.000 min  
Lab File: VU044335.D  
Acq: 08 Jul 2021 21:34

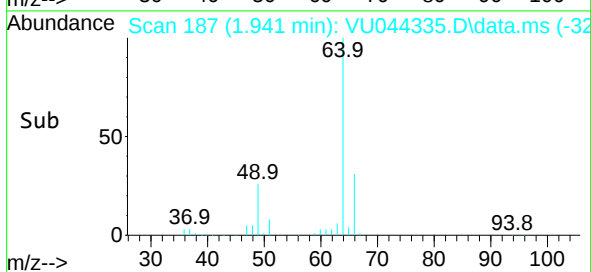
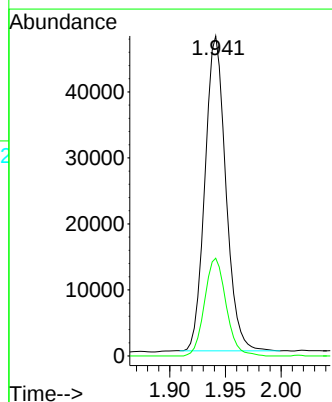
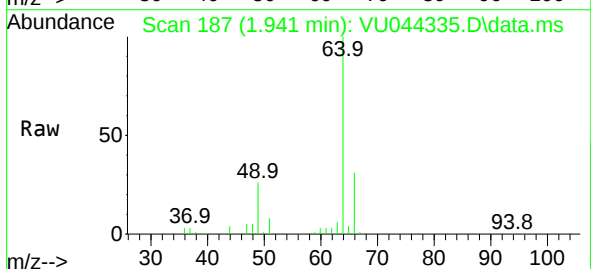
Instrument :  
MSVOA\_U  
ClientSampled :

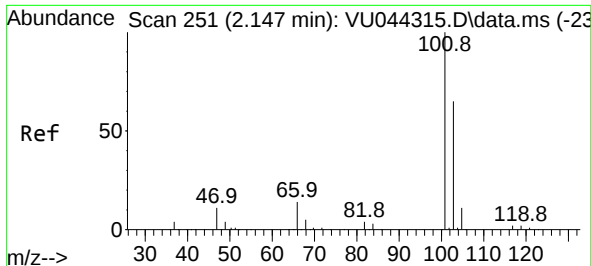
Tgt Ion: 94 Resp: 53983  
Ion Ratio Lower Upper  
94 100  
96 93.8 74.7 112.1



#6  
Chloroethane  
Concen: 10.570 ug/l  
RT: 1.941 min Scan# 187  
Delta R.T. -0.000 min  
Lab File: VU044335.D  
Acq: 08 Jul 2021 21:34

Tgt Ion: 64 Resp: 62155  
Ion Ratio Lower Upper  
64 100  
66 31.0 26.1 39.1

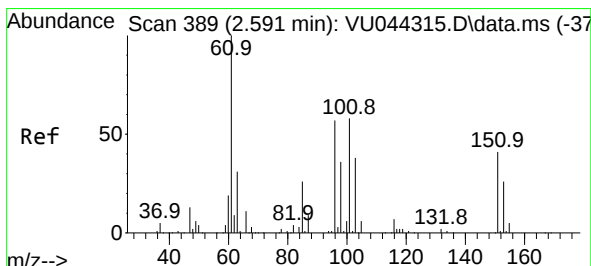
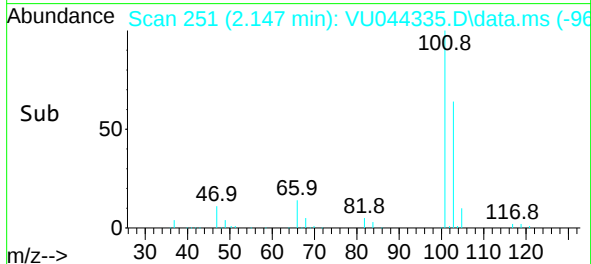
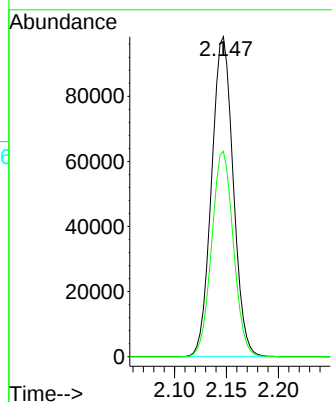
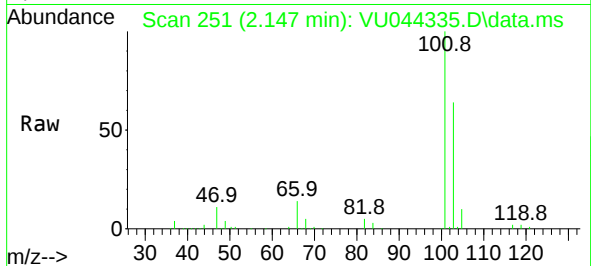




#7  
Trichlorofluoromethane  
Concen: 10.667 ug/l  
RT: 2.147 min Scan# 251  
Delta R.T. -0.000 min  
Lab File: VU044335.D  
Acq: 08 Jul 2021 21:34

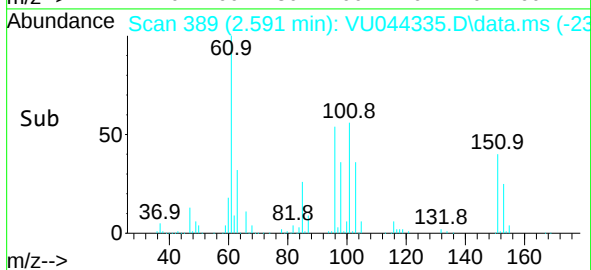
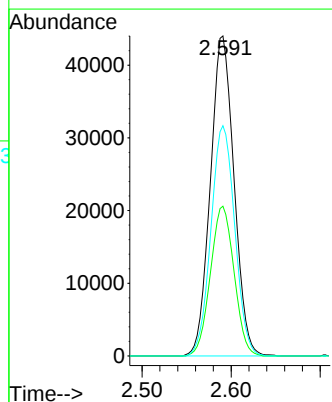
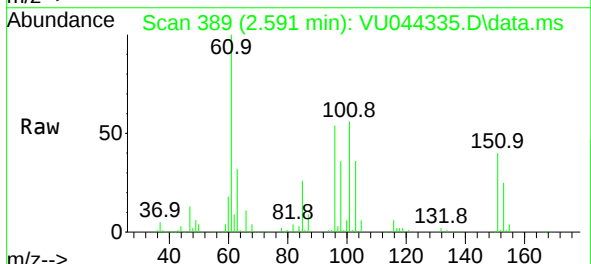
Instrument :  
MSVOA\_U  
ClientSampled :

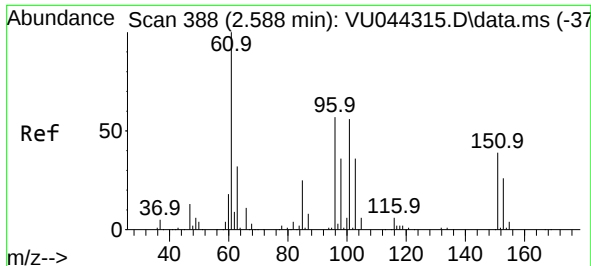
Tgt Ion:101 Resp: 142375  
Ion Ratio Lower Upper  
101 100  
103 64.2 51.9 77.9



#8  
1,1,2-Trichloro-1,2,2-trifluoroethane  
Concen: 10.574 ug/l  
RT: 2.591 min Scan# 389  
Delta R.T. -0.000 min  
Lab File: VU044335.D  
Acq: 08 Jul 2021 21:34

Tgt Ion:101 Resp: 81308  
Ion Ratio Lower Upper  
101 100  
85 46.7 35.8 53.8  
151 72.4 57.0 85.4

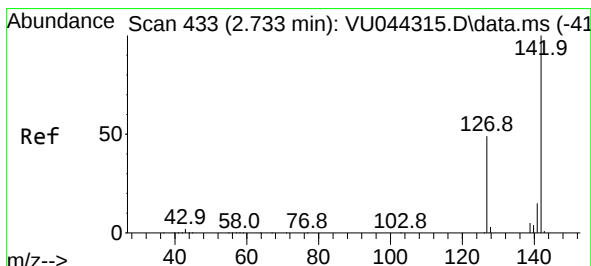
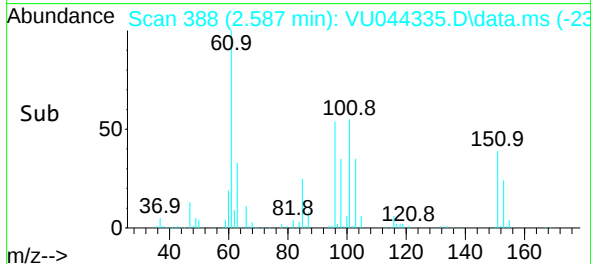
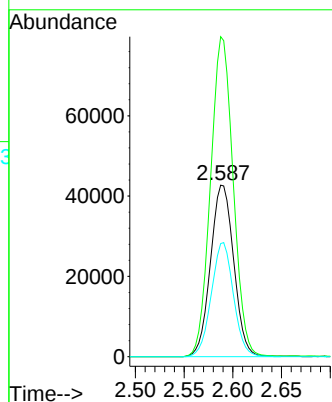
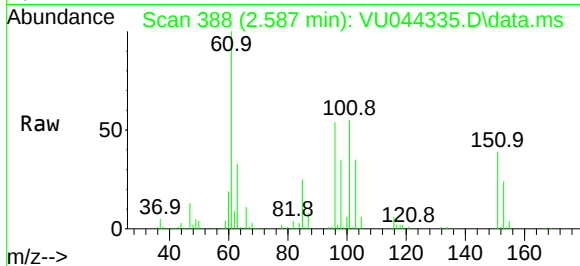




#9  
1,1-Dichloroethene  
Concen: 10.560 ug/l  
RT: 2.587 min Scan# 388  
Delta R.T. -0.000 min  
Lab File: VU044335.D  
Acq: 08 Jul 2021 21:34

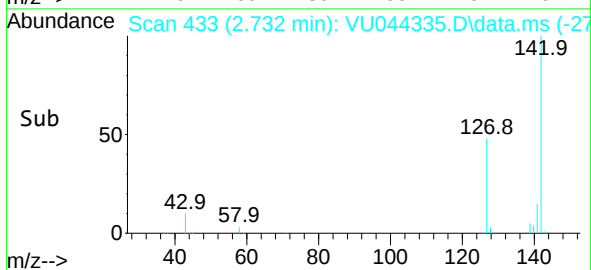
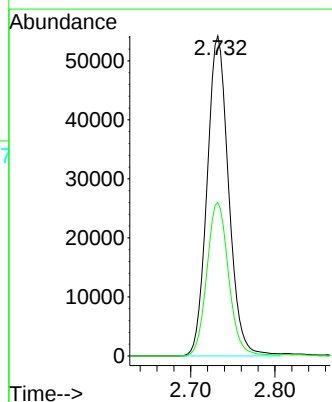
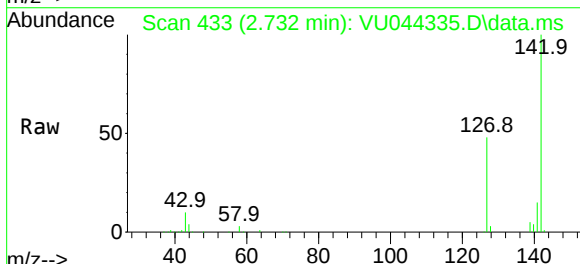
Instrument :  
MSVOA\_U  
ClientSampleId :

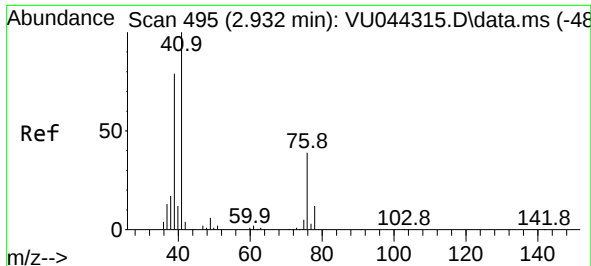
Tgt Ion: 96 Resp: 70948  
Ion Ratio Lower Upper  
96 100  
61 186.5 0.0 528.0  
98 65.9 0.0 127.4



#10  
Iodomethane  
Concen: 13.623 ug/l  
RT: 2.732 min Scan# 433  
Delta R.T. -0.001 min  
Lab File: VU044335.D  
Acq: 08 Jul 2021 21:34

Tgt Ion: 142 Resp: 96436  
Ion Ratio Lower Upper  
142 100  
127 48.4 39.1 58.7

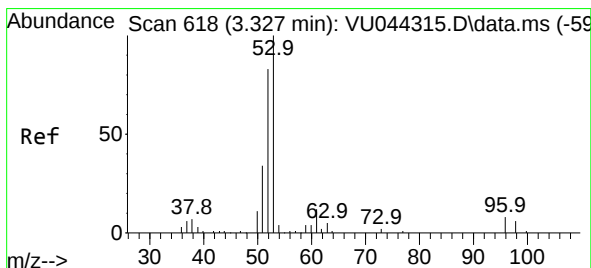
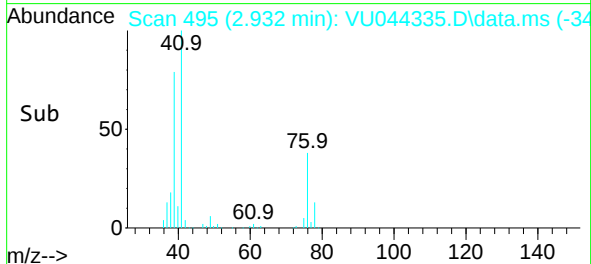
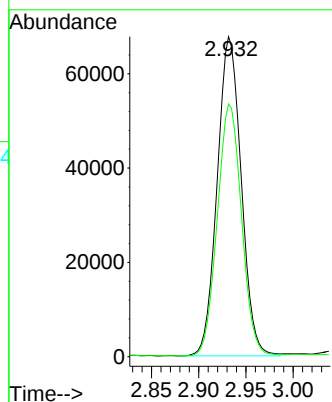
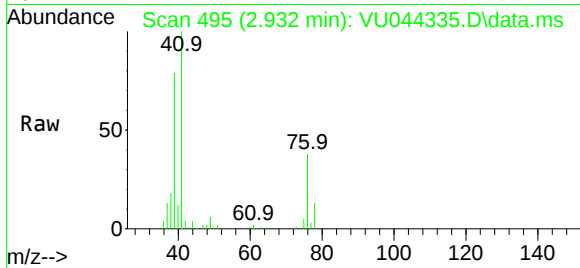




#11  
 Allyl Chloride  
 Concen: 10.034 ug/l  
 RT: 2.932 min Scan# 495  
 Delta R.T. -0.000 min  
 Lab File: VU044335.D  
 Acq: 08 Jul 2021 21:34

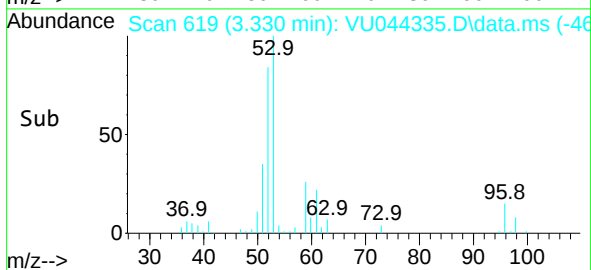
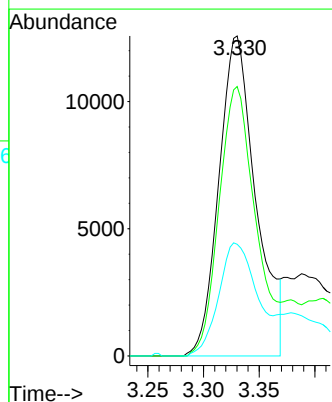
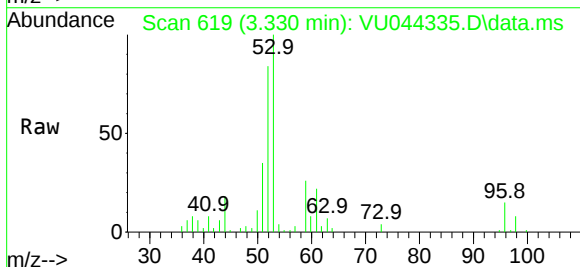
Instrument :  
 MSVOA\_U  
 ClientSampleId :

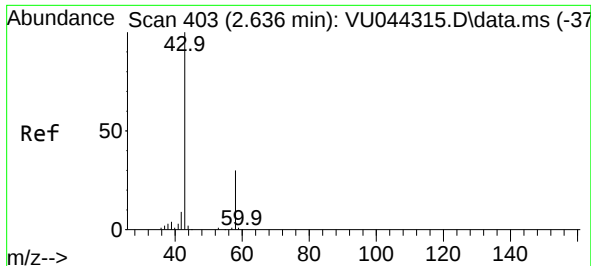
Tgt Ion: 41 Resp: 119811  
 Ion Ratio Lower Upper  
 41 100  
 39 79.7 62.5 93.7



#12  
 Acrylonitrile  
 Concen: 19.308 ug/l  
 RT: 3.330 min Scan# 619  
 Delta R.T. 0.003 min  
 Lab File: VU044335.D  
 Acq: 08 Jul 2021 21:34

Tgt Ion: 53 Resp: 29049  
 Ion Ratio Lower Upper  
 53 100  
 52 83.2 67.0 100.4  
 51 36.5 29.8 44.6

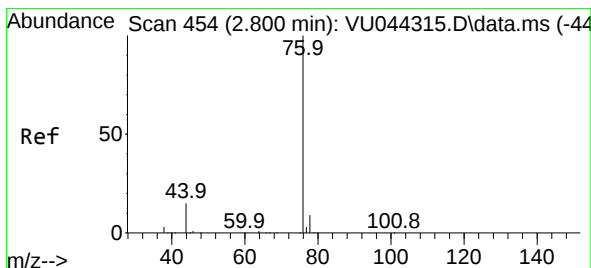
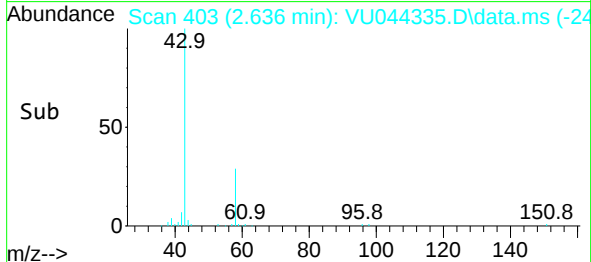
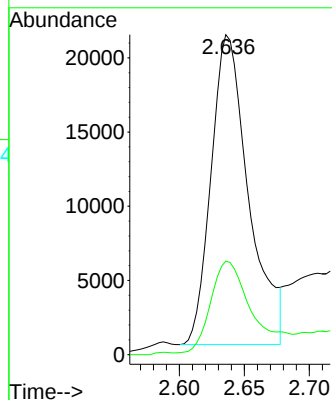
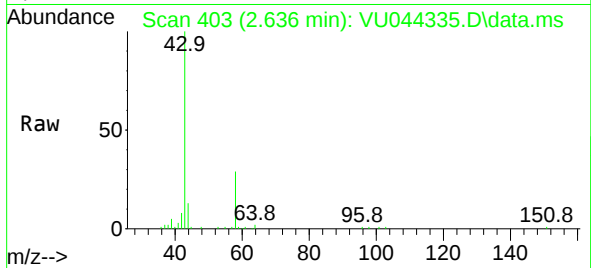




#13  
Acetone  
Concen: 42.124 ug/l  
RT: 2.636 min Scan# 403  
Delta R.T. -0.000 min  
Lab File: VU044335.D  
Acq: 08 Jul 2021 21:34

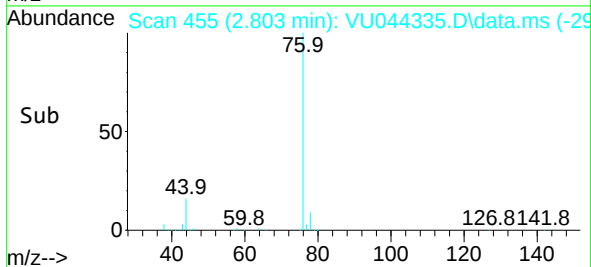
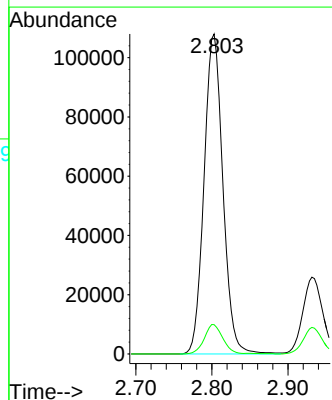
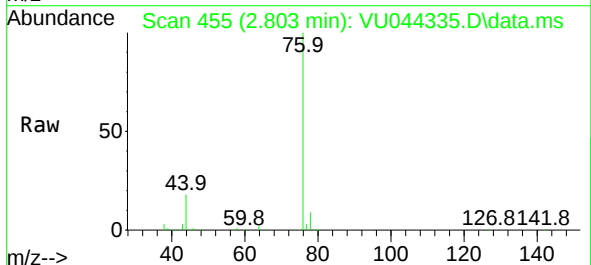
Instrument :  
MSVOA\_U  
ClientSampleId :

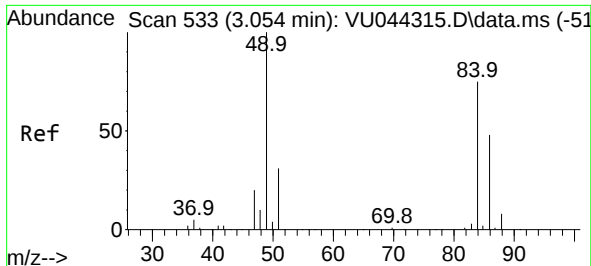
Tgt Ion: 43 Resp: 42042  
Ion Ratio Lower Upper  
43 100  
58 29.5 24.3 36.5



#14  
Carbon Disulfide  
Concen: 10.236 ug/l  
RT: 2.803 min Scan# 455  
Delta R.T. 0.003 min  
Lab File: VU044335.D  
Acq: 08 Jul 2021 21:34

Tgt Ion: 76 Resp: 186076  
Ion Ratio Lower Upper  
76 100  
78 9.2 7.1 10.7

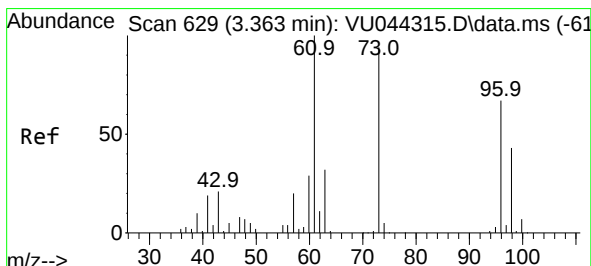
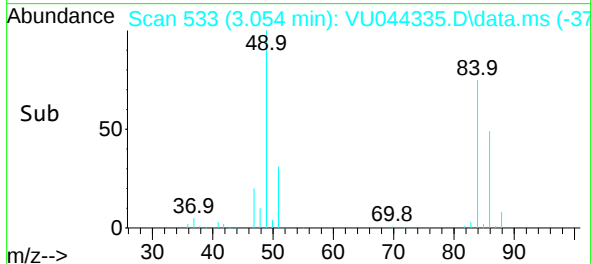
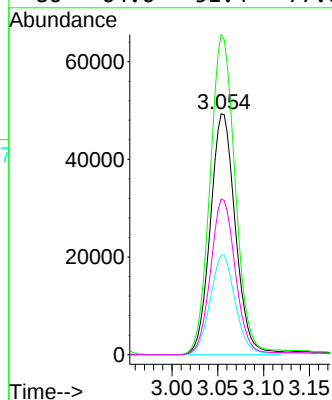
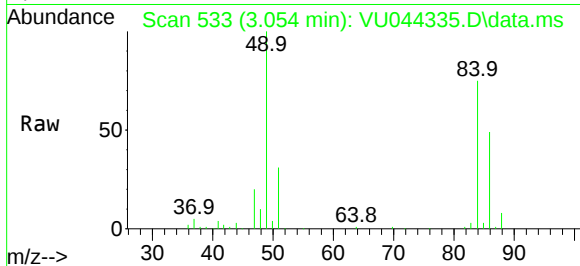




#15  
Methylene Chloride  
Concen: 11.036 ug/l  
RT: 3.054 min Scan# 533  
Delta R.T. -0.000 min  
Lab File: VU044335.D  
Acq: 08 Jul 2021 21:34

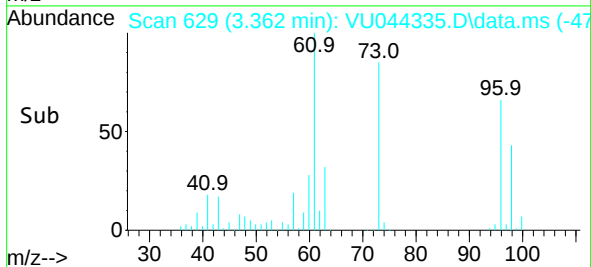
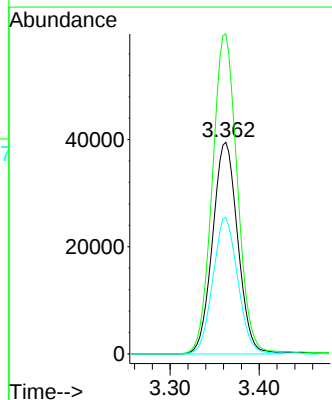
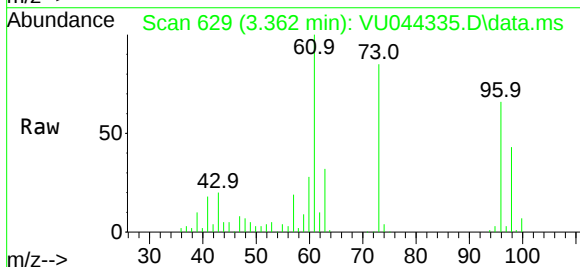
Instrument :  
MSVOA\_U  
ClientSampleId :

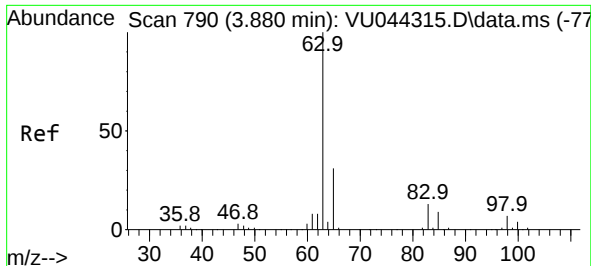
Tgt Ion: 84 Resp: 93867  
Ion Ratio Lower Upper  
84 100  
49 132.9 106.3 159.5  
51 41.4 0.0 81.8  
86 64.6 51.4 77.0



#16  
trans-1,2-Dichloroethene  
Concen: 10.432 ug/l  
RT: 3.362 min Scan# 629  
Delta R.T. -0.000 min  
Lab File: VU044335.D  
Acq: 08 Jul 2021 21:34

Tgt Ion: 96 Resp: 77585  
Ion Ratio Lower Upper  
96 100  
61 151.1 119.3 178.9  
98 64.4 50.8 76.2





#17

1,1-Dichloroethane

Concen: 10.650 ug/l

RT: 3.880 min Scan# 790

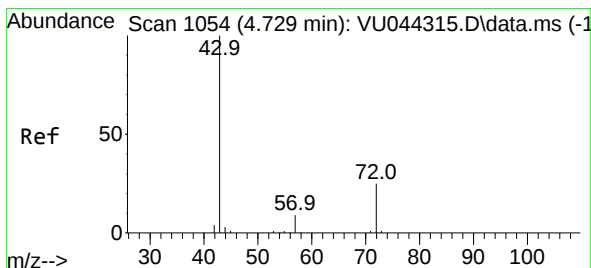
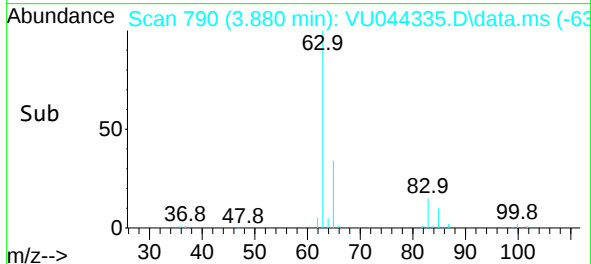
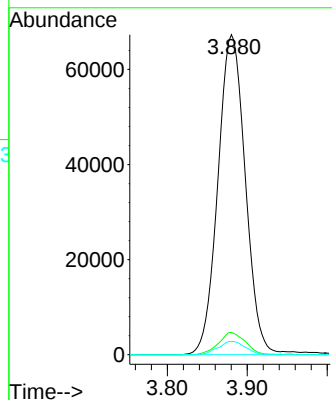
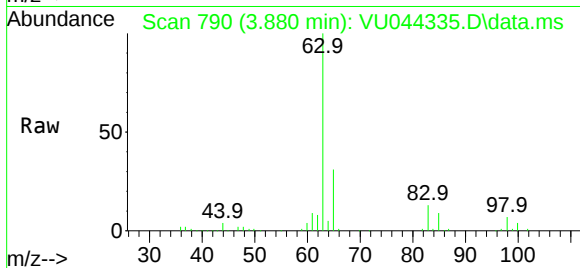
Delta R.T. -0.000 min

Lab File: VU044335.D

Acq: 08 Jul 2021 21:34

Tgt Ion: 63 Resp: 159862

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 63  | 100   |       |       |
| 98  | 7.0   | 3.5   | 10.5  |
| 100 | 4.1   | 2.0   | 5.8   |



#18

2-Butanone

Concen: 47.861 ug/l

RT: 4.732 min Scan# 1055

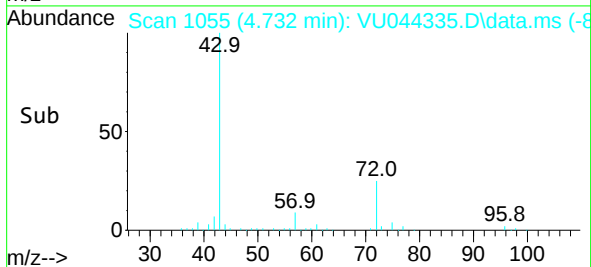
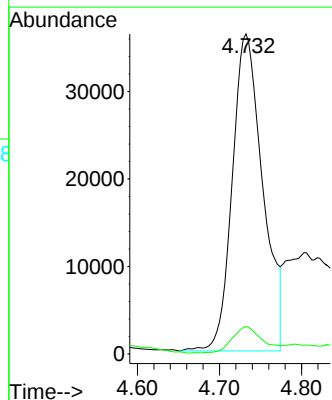
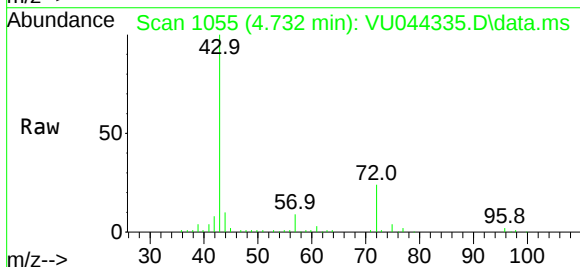
Delta R.T. 0.003 min

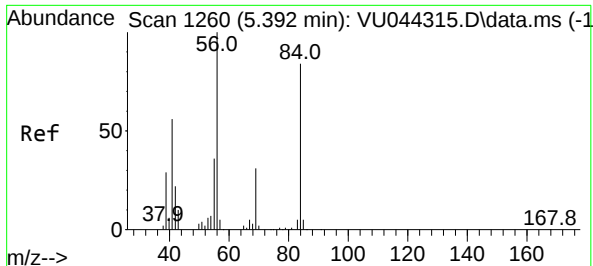
Lab File: VU044335.D

Acq: 08 Jul 2021 21:34

Tgt Ion: 43 Resp: 93745

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 57  | 8.0   | 0.0   | 17.6  |





#19

Cyclohexane

Concen: 10.621 ug/l

RT: 5.388 min Scan# 1259

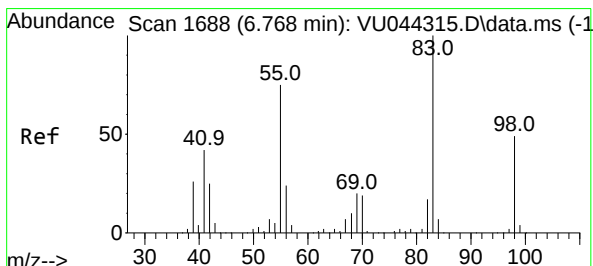
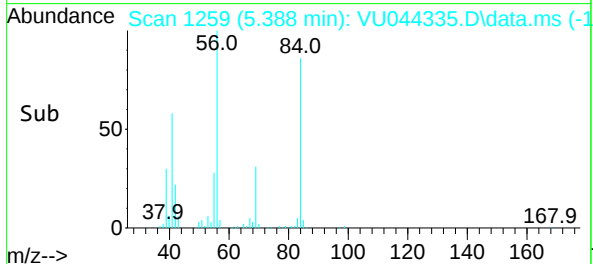
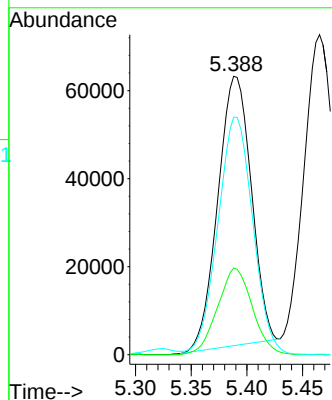
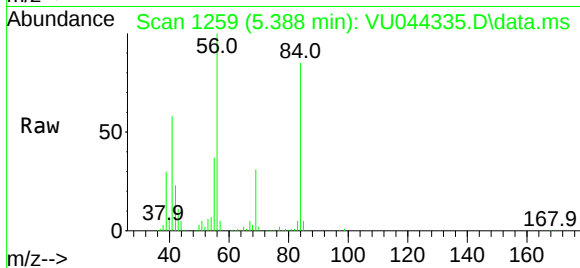
Delta R.T. -0.004 min

Lab File: VU044335.D

Acq: 08 Jul 2021 21:34

Tgt Ion: 56 Resp: 127653

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 56  | 100   |       |       |
| 69  | 33.5  | 26.6  | 40.0  |
| 84  | 90.8  | 73.0  | 109.4 |



#20

Methylcyclohexane

Concen: 10.242 ug/l

RT: 6.767 min Scan# 1688

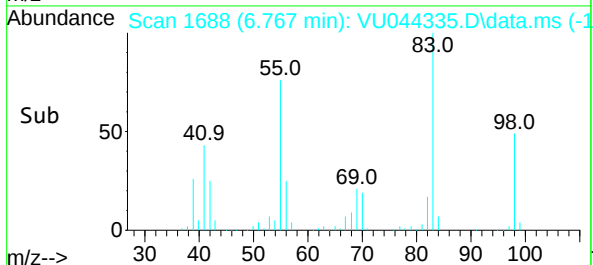
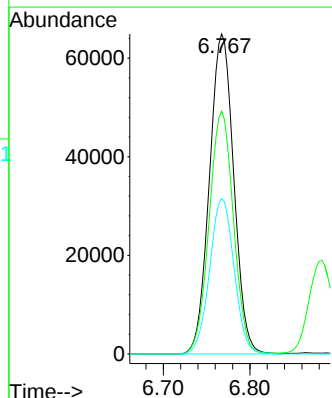
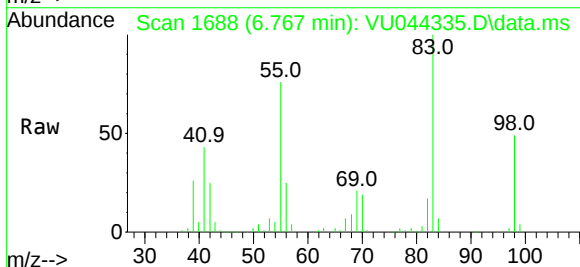
Delta R.T. -0.000 min

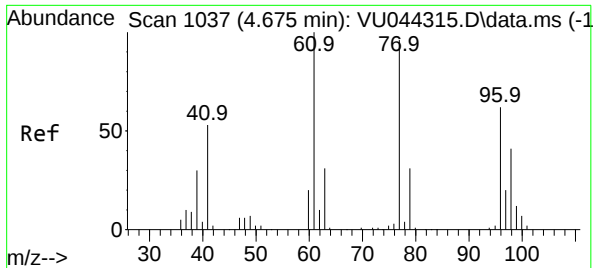
Lab File: VU044335.D

Acq: 08 Jul 2021 21:34

Tgt Ion: 83 Resp: 126437

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 55  | 75.7  | 61.0  | 91.6  |
| 98  | 48.9  | 39.3  | 58.9  |

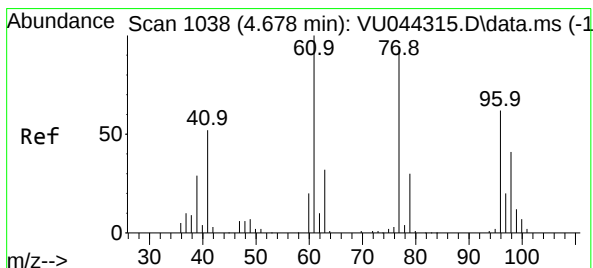
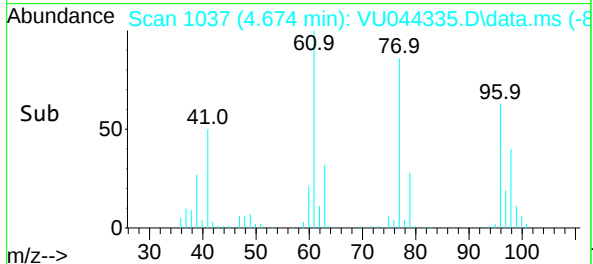
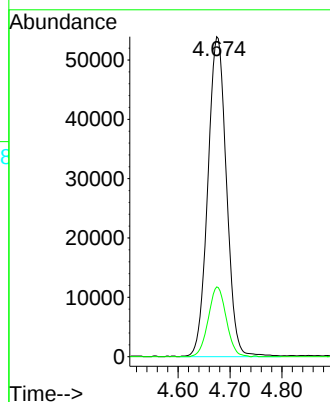
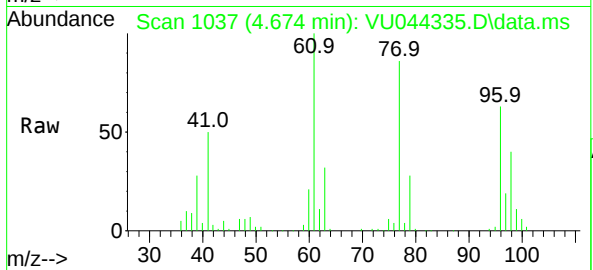




#21  
2,2-Dichloropropane  
Concen: 9.195 ug/l  
RT: 4.674 min Scan# 1037  
Delta R.T. -0.000 min  
Lab File: VU044335.D  
Acq: 08 Jul 2021 21:34

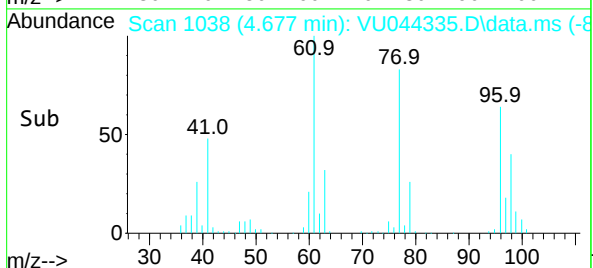
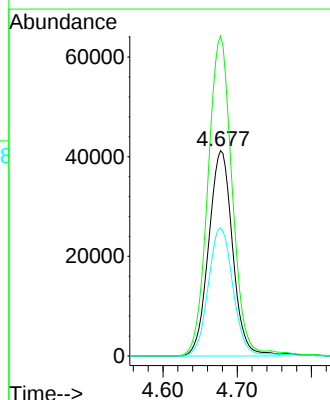
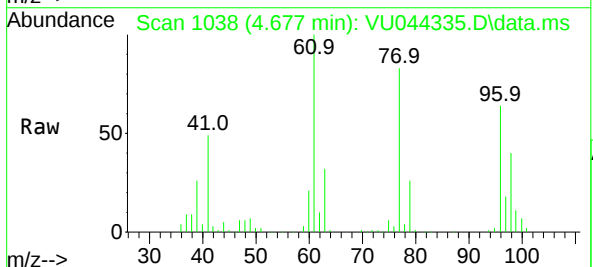
Instrument :  
MSVOA\_U  
ClientSampled :

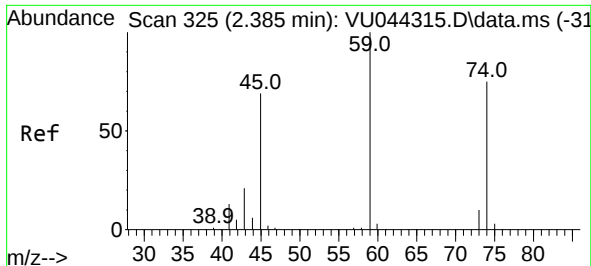
Tgt Ion: 77 Resp: 134350  
Ion Ratio Lower Upper  
77 100  
97 21.0 16.8 25.2



#22  
cis-1,2-Dichloroethene  
Concen: 10.523 ug/l  
RT: 4.677 min Scan# 1038  
Delta R.T. -0.000 min  
Lab File: VU044335.D  
Acq: 08 Jul 2021 21:34

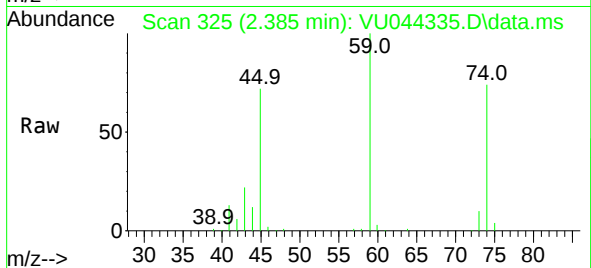
Tgt Ion: 96 Resp: 92231  
Ion Ratio Lower Upper  
96 100  
61 156.2 0.0 407.7  
98 64.1 32.5 97.4



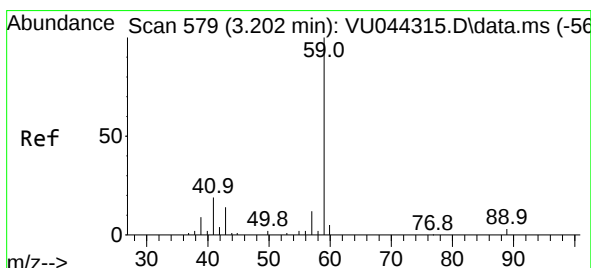
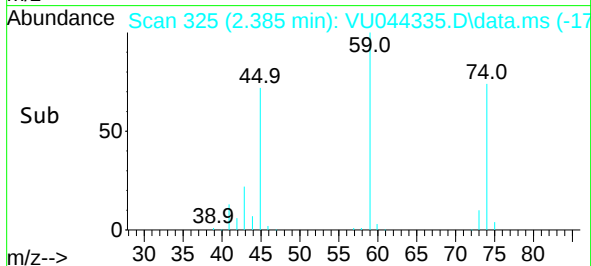
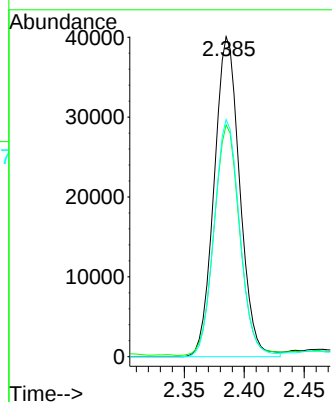


#23  
Diethyl Ether  
Concen: 10.600 ug/l  
RT: 2.385 min Scan# 325  
Delta R.T. -0.000 min  
Lab File: VU044335.D  
Acq: 08 Jul 2021 21:34

Instrument :  
MSVOA\_U  
ClientSampleId :

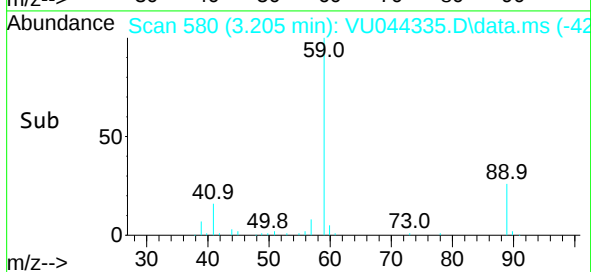
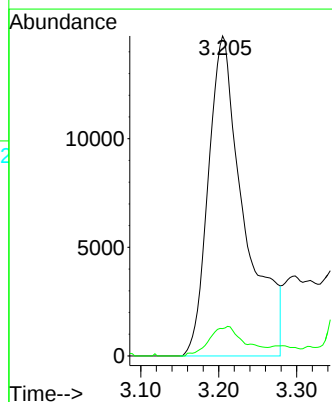
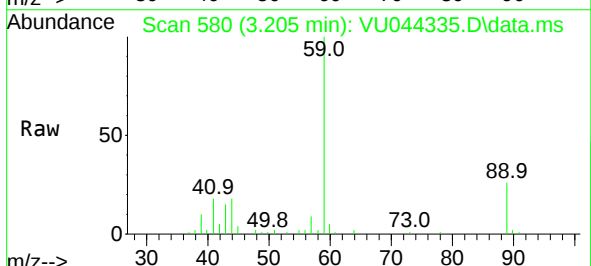


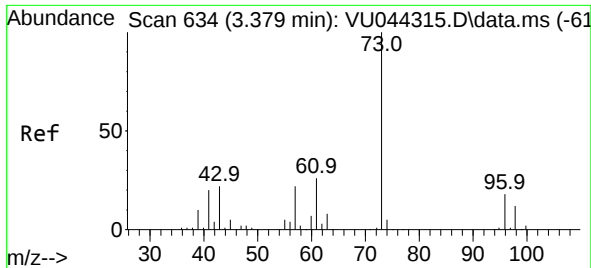
| Tgt Ion: | 59    | Resp: | 59403 |
|----------|-------|-------|-------|
| Ion      | Ratio | Lower | Upper |
| 59       | 100   |       |       |
| 45       | 72.2  | 55.7  | 83.5  |
| 74       | 73.9  | 59.7  | 89.5  |



#24  
tert-Butyl Alcohol  
Concen: 108.845 ug/l  
RT: 3.205 min Scan# 580  
Delta R.T. 0.003 min  
Lab File: VU044335.D  
Acq: 08 Jul 2021 21:34

| Tgt Ion: | 59    | Resp: | 46909 |
|----------|-------|-------|-------|
| Ion      | Ratio | Lower | Upper |
| 59       | 100   |       |       |
| 57       | 9.3   | 8.2   | 12.4  |

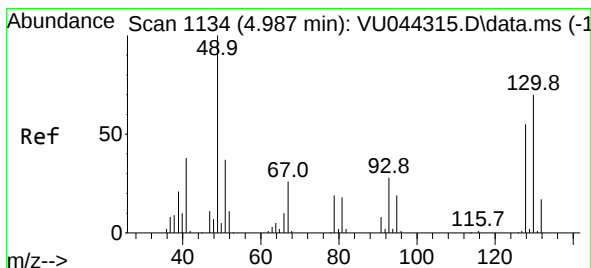
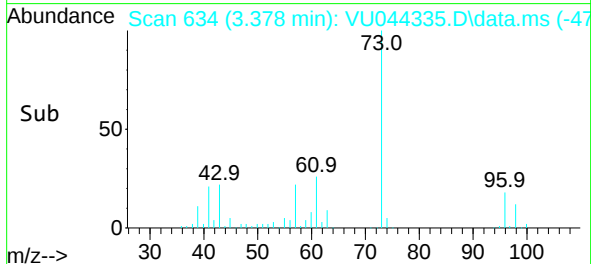
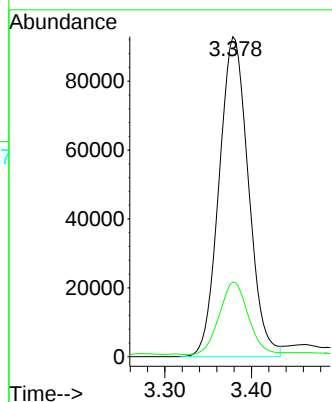
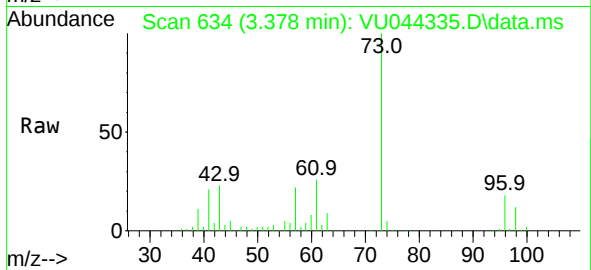




#25  
Methyl tert-Butyl Ether  
Concen: 10.579 ug/l  
RT: 3.378 min Scan# 634  
Delta R.T. -0.000 min  
Lab File: VU044335.D  
Acq: 08 Jul 2021 21:34

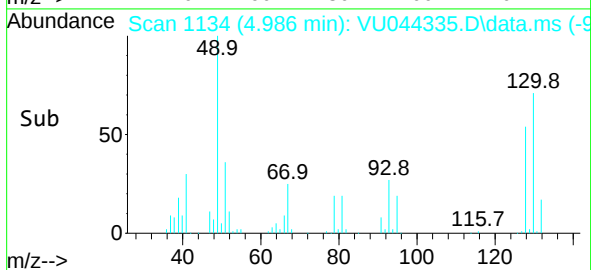
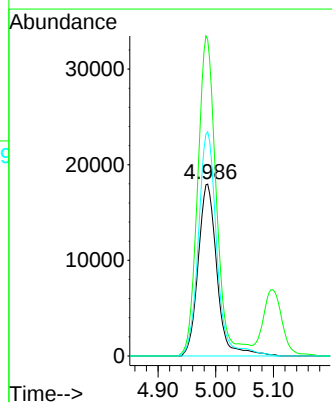
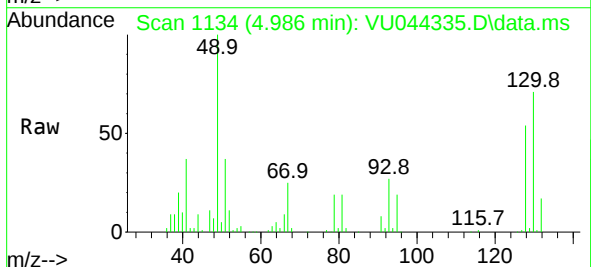
Instrument :  
MSVOA\_U  
ClientSampled :

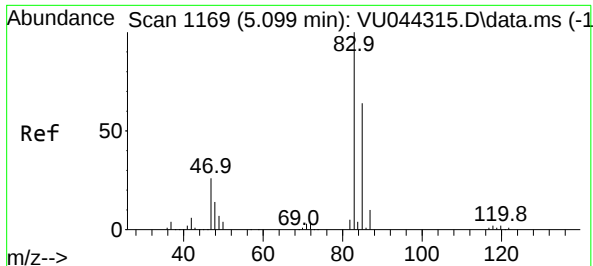
Tgt Ion: 73 Resp: 218296  
Ion Ratio Lower Upper  
73 100  
43 22.2 17.3 25.9



#26  
Bromochloromethane  
Concen: 10.601 ug/l  
RT: 4.986 min Scan# 1134  
Delta R.T. -0.000 min  
Lab File: VU044335.D  
Acq: 08 Jul 2021 21:34

Tgt Ion: 128 Resp: 40647  
Ion Ratio Lower Upper  
128 100  
49 183.8 0.0 364.2  
130 127.5 103.5 155.3



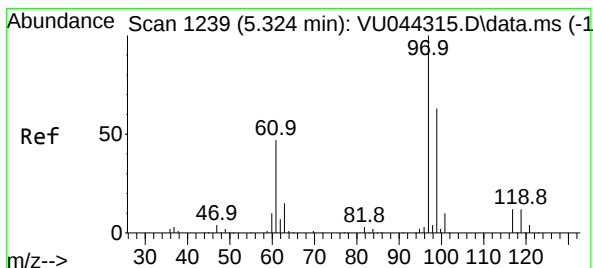
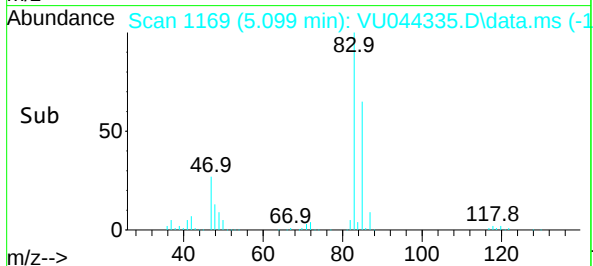
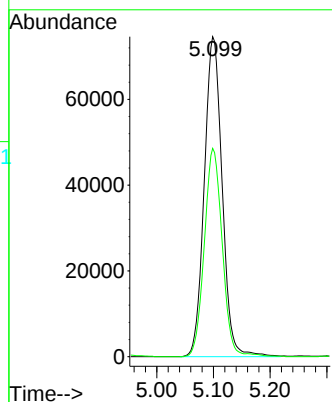
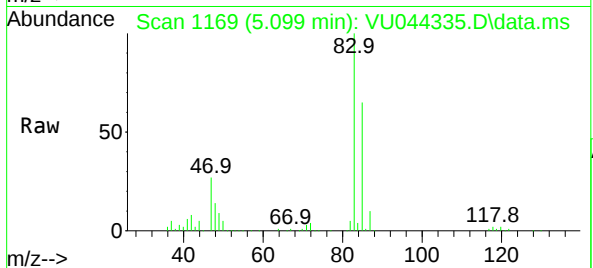


#27

Chloroform  
Concen: 10.318 ug/l  
RT: 5.099 min Scan# 1169  
Delta R.T. -0.000 min  
Lab File: VU044335.D  
Acq: 08 Jul 2021 21:34

Instrument :  
MSVOA\_U  
ClientSampled :

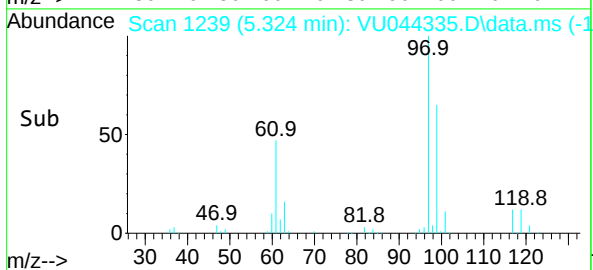
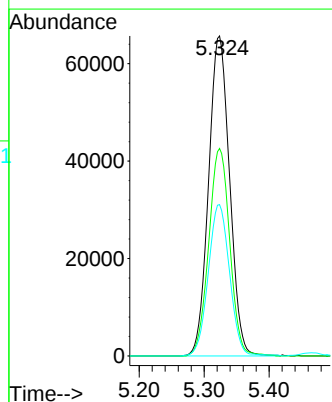
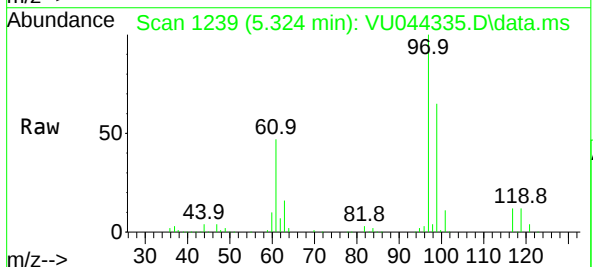
Tgt Ion: 83 Resp: 163799  
Ion Ratio Lower Upper  
83 100  
85 65.1 0.0 127.8

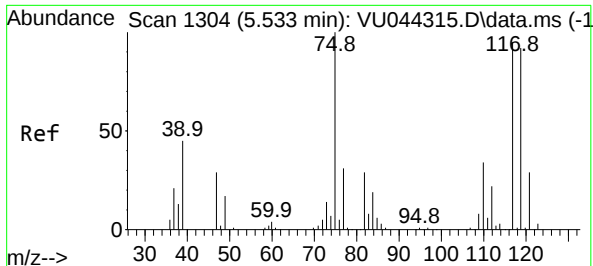


#28

1,1,1-Trichloroethane  
Concen: 10.536 ug/l  
RT: 5.324 min Scan# 1239  
Delta R.T. -0.000 min  
Lab File: VU044335.D  
Acq: 08 Jul 2021 21:34

Tgt Ion: 97 Resp: 147682  
Ion Ratio Lower Upper  
97 100  
99 64.9 32.0 96.2  
61 48.0 23.8 71.5





#29

1,1-Dichloropropene

Concen: 10.171 ug/l

RT: 5.533 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VU044335.D

Acq: 08 Jul 2021 21:34

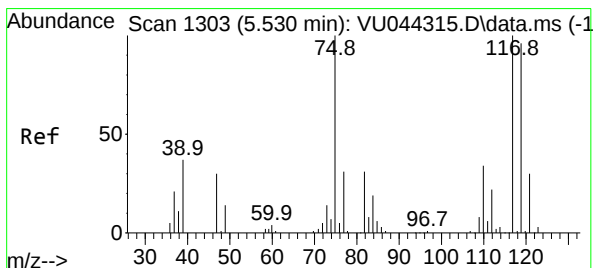
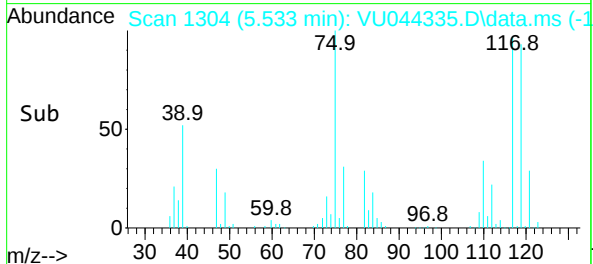
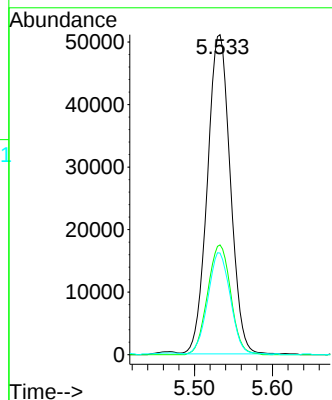
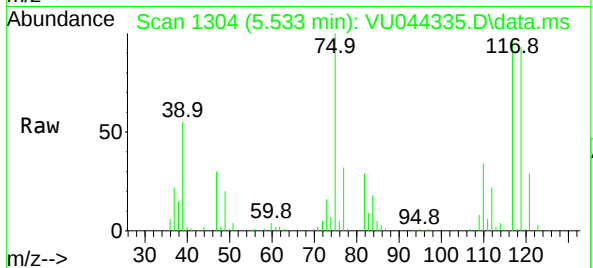
Tgt Ion: 75 Resp: 104071

Ion Ratio Lower Upper

75 100

110 34.8 17.3 51.9

77 31.8 24.6 37.0



#30

Carbon Tetrachloride

Concen: 10.226 ug/l

RT: 5.529 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VU044335.D

Acq: 08 Jul 2021 21:34

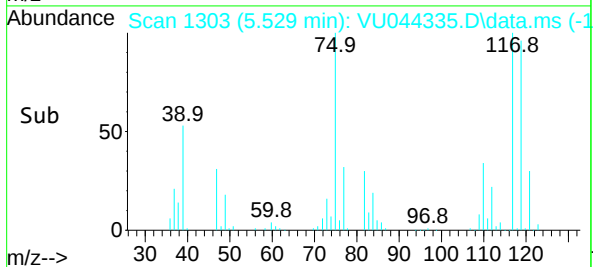
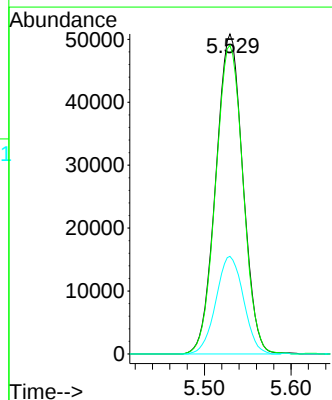
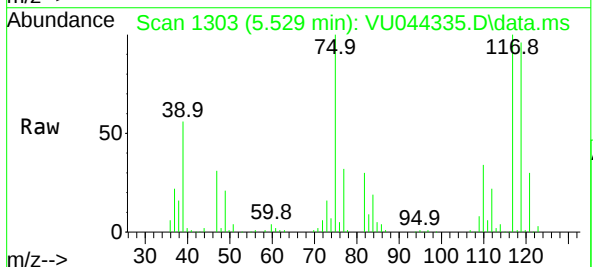
Tgt Ion: 117 Resp: 110358

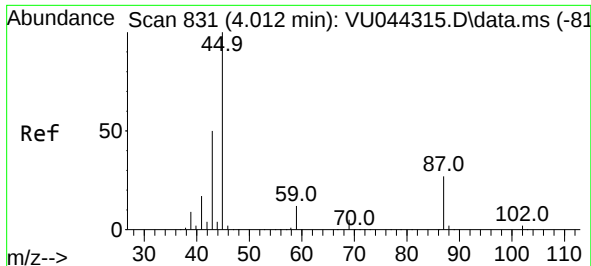
Ion Ratio Lower Upper

117 100

119 96.5 77.0 115.6

121 30.9 24.2 36.4

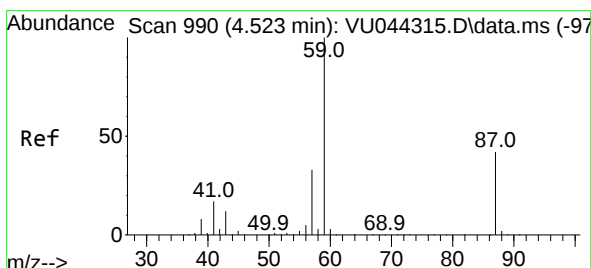
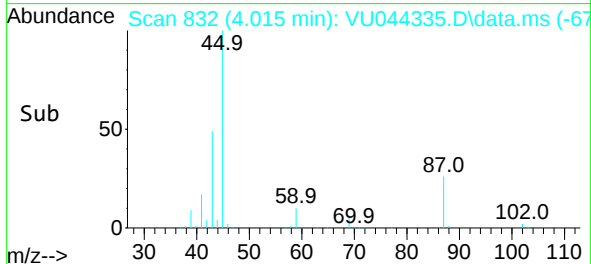
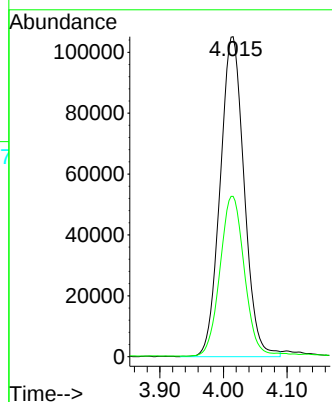
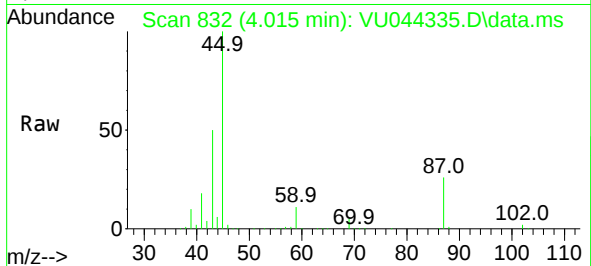




#31  
Isopropyl Ether  
Concen: 10.721 ug/l  
RT: 4.015 min Scan# 832  
Delta R.T. 0.003 min  
Lab File: VU044335.D  
Acq: 08 Jul 2021 21:34

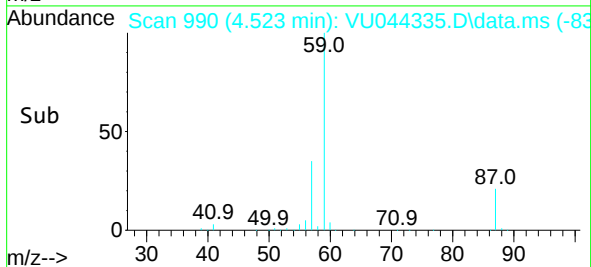
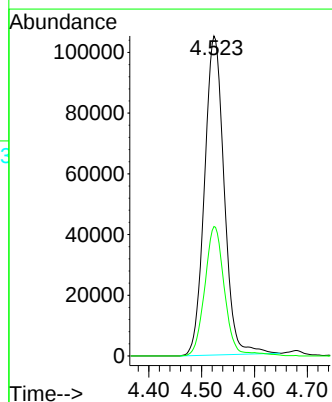
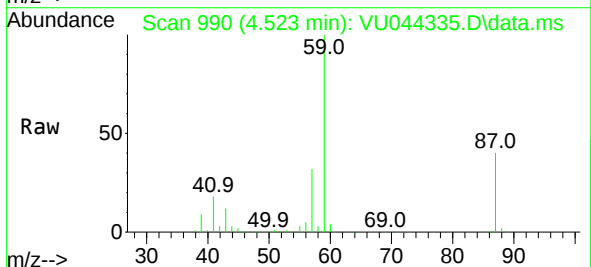
Instrument :  
MSVOA\_U  
ClientSampled :

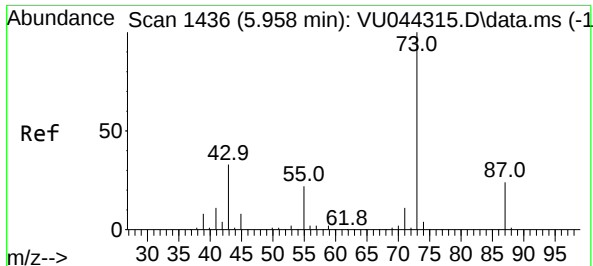
Tgt Ion: 45 Resp: 275545  
Ion Ratio Lower Upper  
45 100  
43 50.4 24.9 74.6



#32  
Ethyl-t-butyl ether  
Concen: 10.933 ug/l  
RT: 4.523 min Scan# 990  
Delta R.T. -0.000 min  
Lab File: VU044335.D  
Acq: 08 Jul 2021 21:34

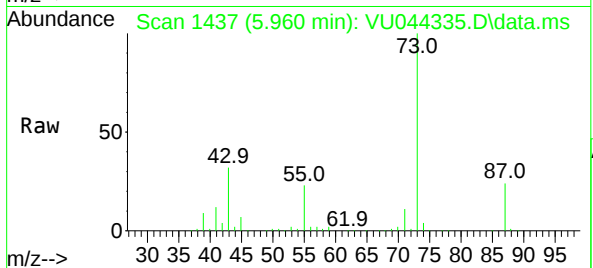
Tgt Ion: 59 Resp: 271049  
Ion Ratio Lower Upper  
59 100  
87 40.8 31.3 46.9



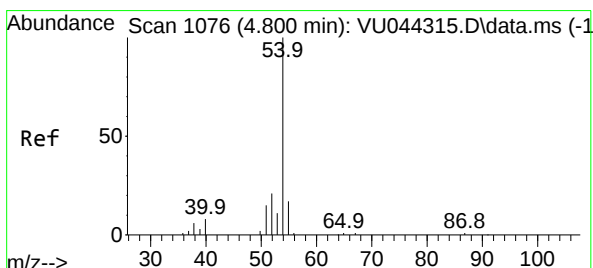
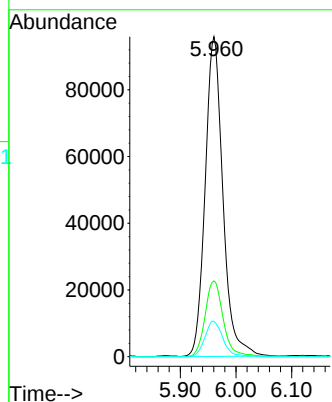
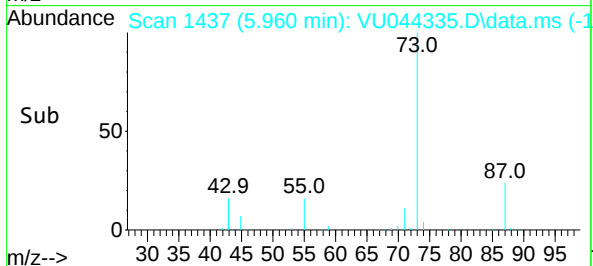


#33  
Tert-Amyl methyl ether  
Concen: 10.614 ug/l  
RT: 5.960 min Scan# 1437  
Delta R.T. 0.003 min  
Lab File: VU044335.D  
Acq: 08 Jul 2021 21:34

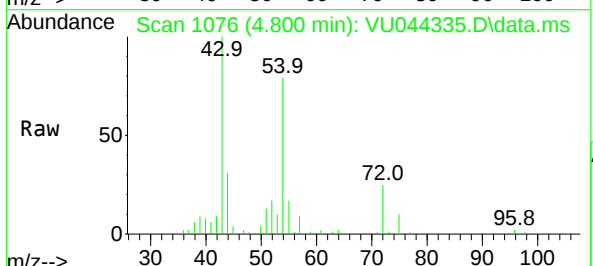
Instrument :  
MSVOA\_U  
ClientSampled :



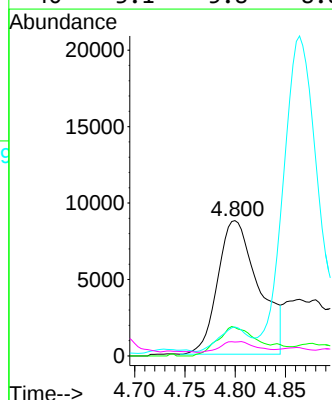
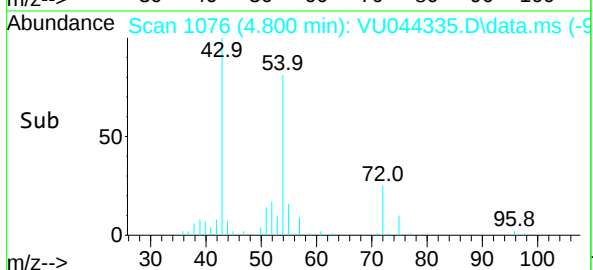
Tgt Ion: 73 Resp: 212373  
Ion Ratio Lower Upper  
73 100  
87 24.2 19.8 29.6  
71 10.8 9.1 13.7

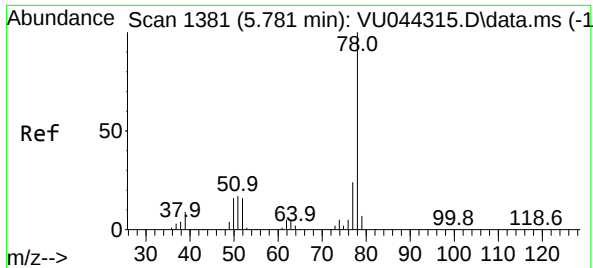


#34  
Propionitrile  
Concen: 49.874 ug/l  
RT: 4.800 min Scan# 1076  
Delta R.T. -0.000 min  
Lab File: VU044335.D  
Acq: 08 Jul 2021 21:34



Tgt Ion: 54 Resp: 24762  
Ion Ratio Lower Upper  
54 100  
52 20.2 16.3 24.5  
55 12.9 10.7 16.1  
40 3.1 5.8 8.8#

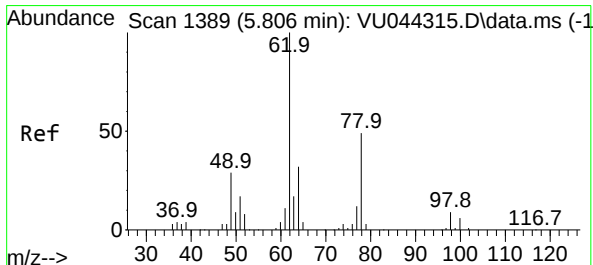
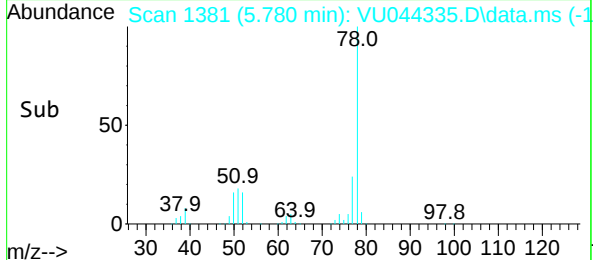
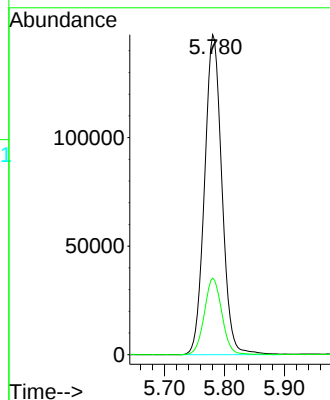
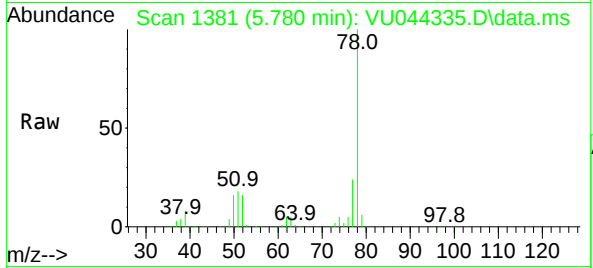




#35  
Benzene  
Concen: 10.497 ug/l  
RT: 5.780 min Scan# 1381  
Delta R.T. -0.000 min  
Lab File: VU044335.D  
Acq: 08 Jul 2021 21:34

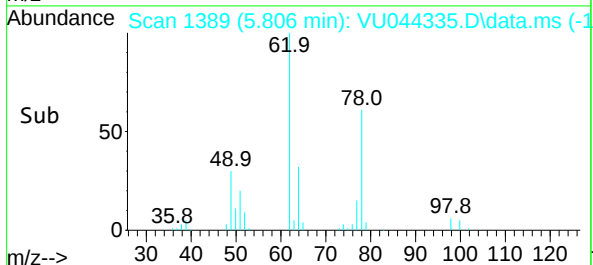
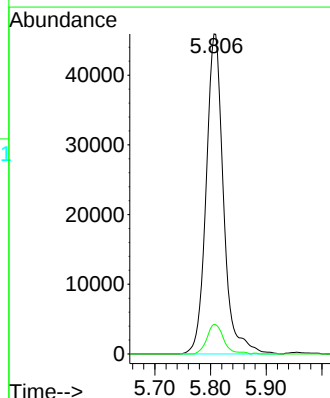
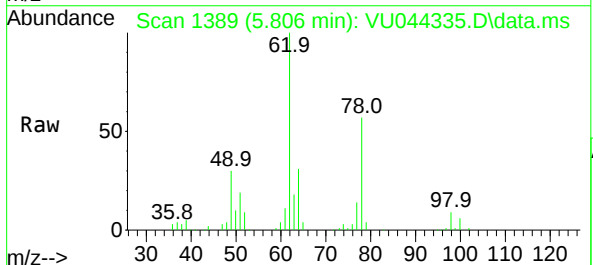
Instrument :  
MSVOA\_U  
ClientSampled :

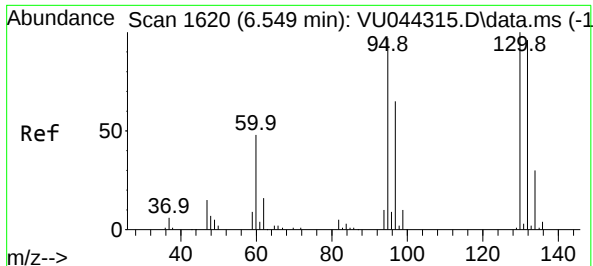
Tgt Ion: 78 Resp: 297082  
Ion Ratio Lower Upper  
78 100  
77 23.9 19.4 29.0



#36  
1,2-Dichloroethane  
Concen: 10.750 ug/l  
RT: 5.806 min Scan# 1389  
Delta R.T. -0.000 min  
Lab File: VU044335.D  
Acq: 08 Jul 2021 21:34

Tgt Ion: 62 Resp: 99338  
Ion Ratio Lower Upper  
62 100  
98 9.0 7.0 10.6

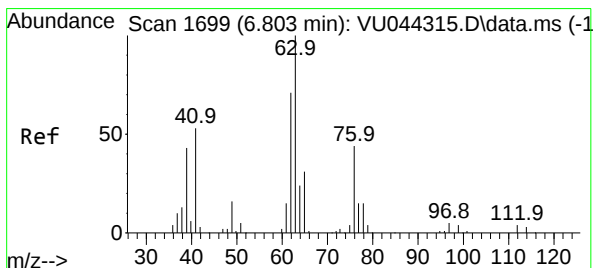
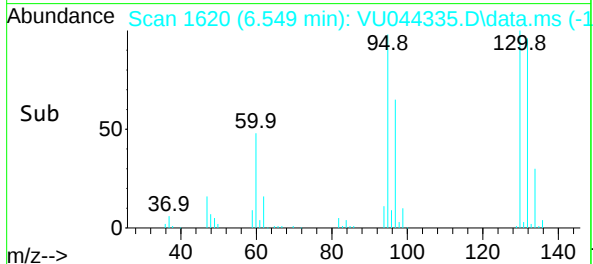
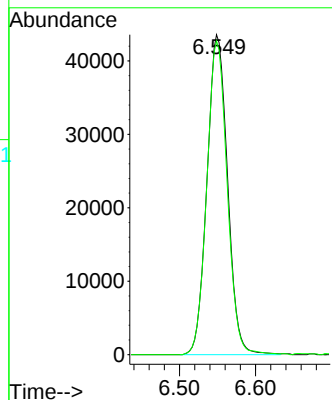
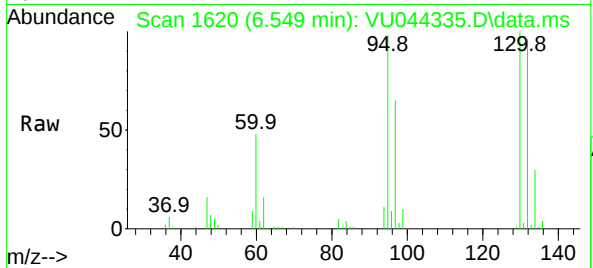




#37  
Trichloroethene  
Concen: 10.359 ug/l  
RT: 6.549 min Scan# 1620  
Delta R.T. -0.000 min  
Lab File: VU044335.D  
Acq: 08 Jul 2021 21:34

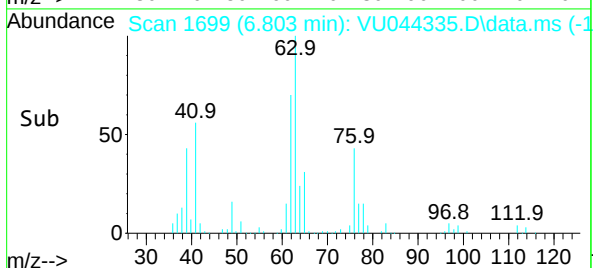
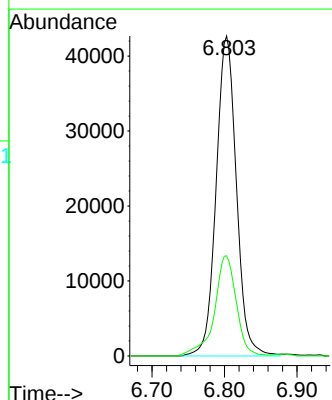
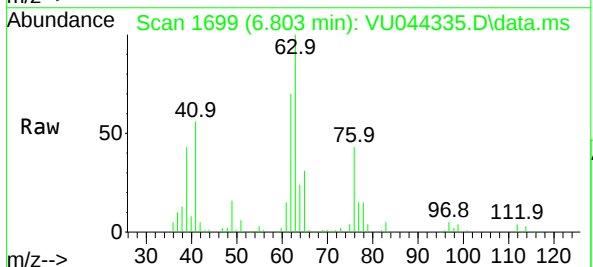
Instrument :  
MSVOA\_U  
ClientSampled :

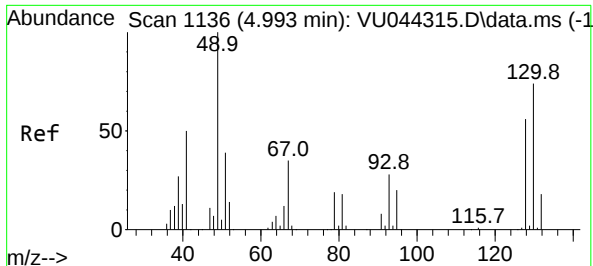
Tgt Ion:130 Resp: 81754  
Ion Ratio Lower Upper  
130 100  
95 98.0 77.8 116.6



#38  
1,2-Dichloropropane  
Concen: 10.513 ug/l  
RT: 6.803 min Scan# 1699  
Delta R.T. -0.000 min  
Lab File: VU044335.D  
Acq: 08 Jul 2021 21:34

Tgt Ion: 63 Resp: 82794  
Ion Ratio Lower Upper  
63 100  
65 31.0 24.7 37.1





#39

Methacrylonitrile

Concen: 10.419 ug/l

RT: 4.993 min Scan# 1136

Delta R.T. -0.000 min

Lab File: VU044335.D

Acq: 08 Jul 2021 21:34

Tgt Ion: 41 Resp: 32170

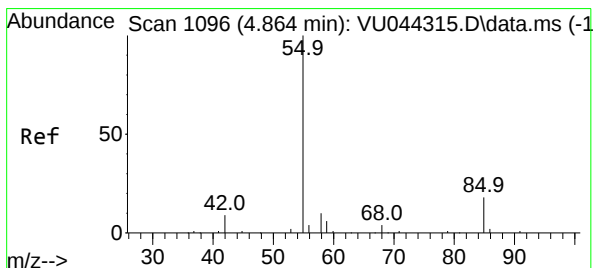
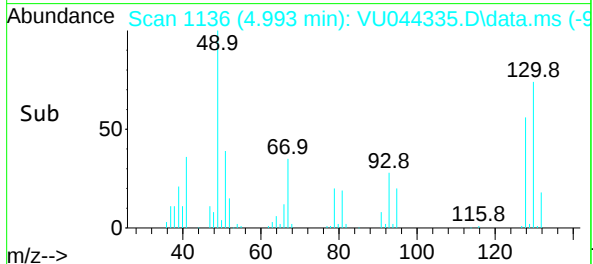
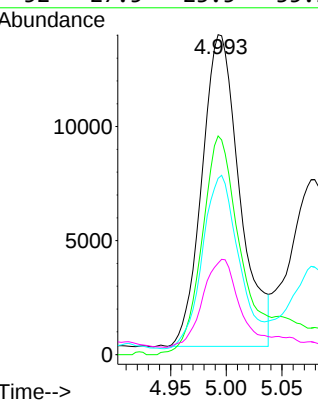
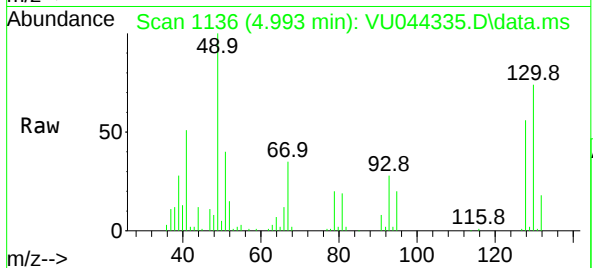
Ion Ratio Lower Upper

41 100

67 71.2 60.6 91.0

39 54.1 43.9 65.9

52 27.5 23.5 35.3



#40

Methyl acrylate

Concen: 10.945 ug/l

RT: 4.864 min Scan# 1096

Delta R.T. -0.000 min

Lab File: VU044335.D

Acq: 08 Jul 2021 21:34

Tgt Ion: 55 Resp: 47046

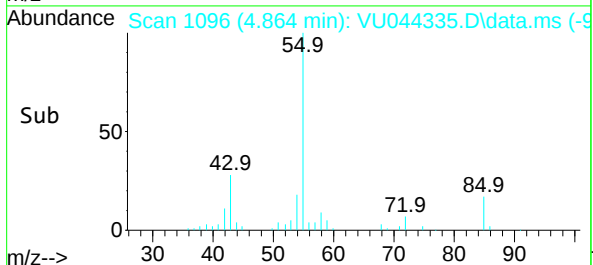
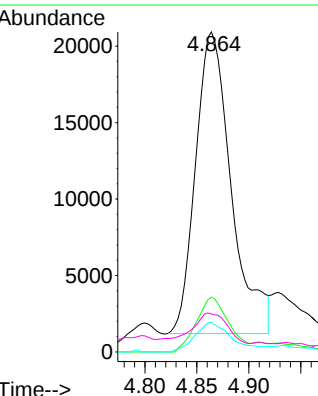
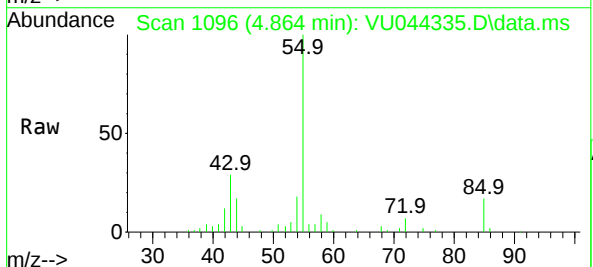
Ion Ratio Lower Upper

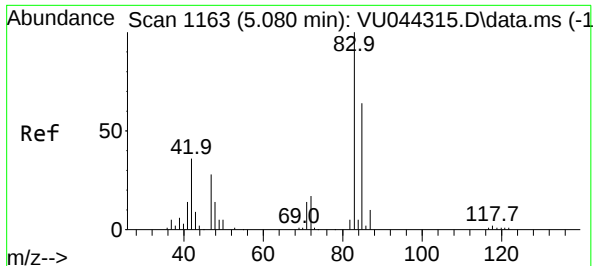
55 100

85 16.6 14.6 21.8

58 9.9 9.0 13.4

42 9.2 8.2 12.2





#41

Tetrahydrofuran

Concen: 21.788 ug/l

RT: 5.079 min Scan# 1163

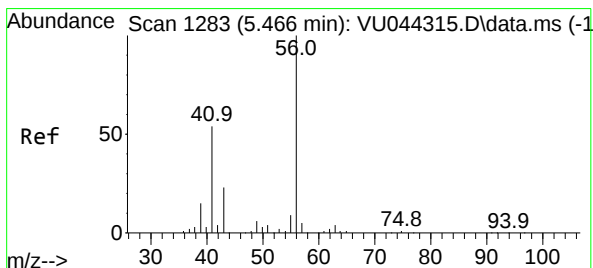
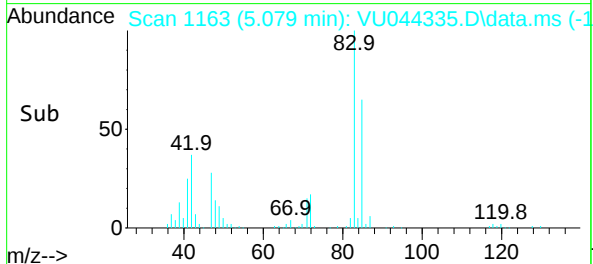
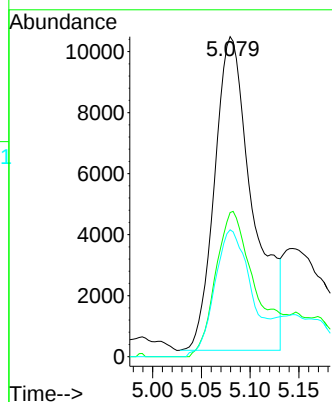
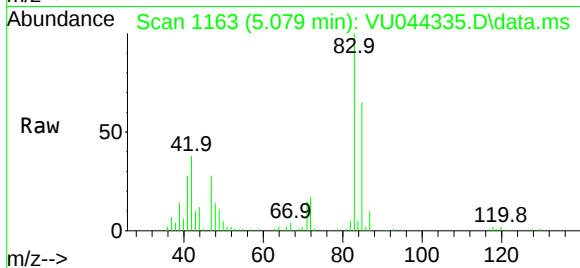
Delta R.T. -0.001 min

Lab File: VU044335.D

Acq: 08 Jul 2021 21:34

Tgt Ion: 42 Resp: 28023

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 42  | 100   |       |       |
| 72  | 50.4  | 39.8  | 59.6  |
| 71  | 38.7  | 34.4  | 51.6  |



#42

1-Chlorobutane

Concen: 10.301 ug/l

RT: 5.465 min Scan# 1283

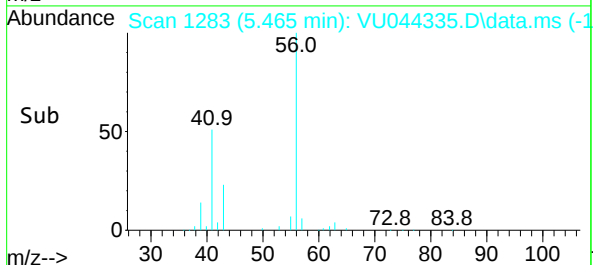
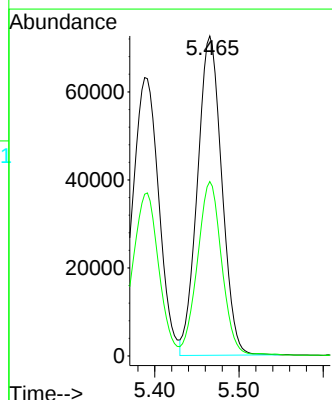
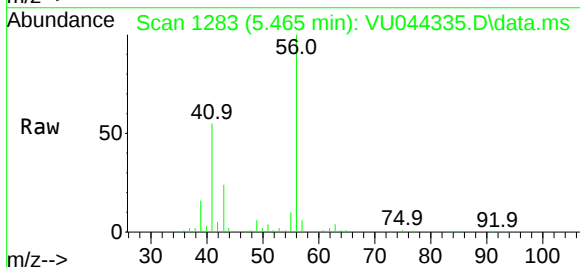
Delta R.T. -0.000 min

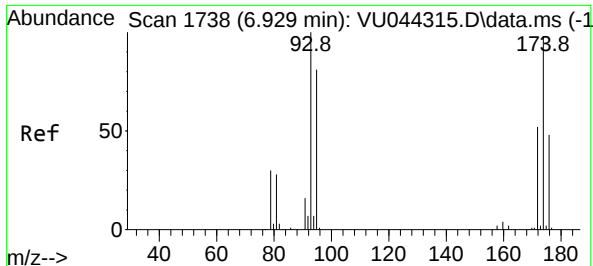
Lab File: VU044335.D

Acq: 08 Jul 2021 21:34

Tgt Ion: 56 Resp: 145761

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 56  | 100   |       |       |
| 41  | 53.1  | 27.4  | 82.0  |





#43

Dibromomethane

Concen: 10.470 ug/l

RT: 6.928 min Scan# 1738

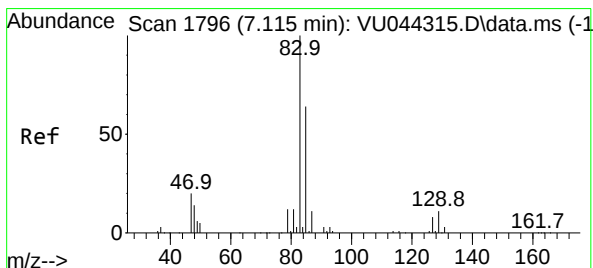
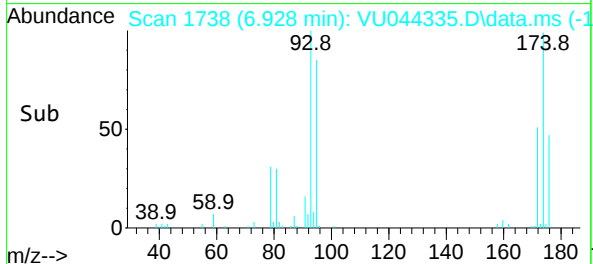
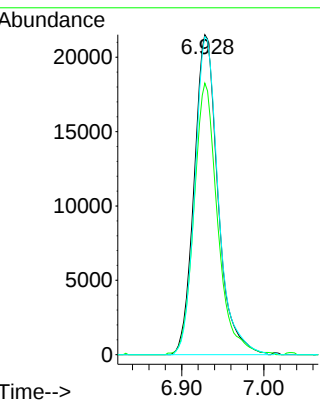
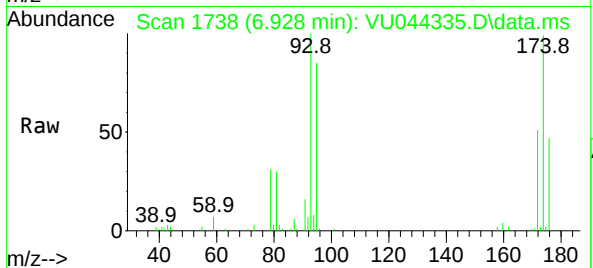
Delta R.T. -0.000 min

Lab File: VU044335.D

Acq: 08 Jul 2021 21:34

Tgt Ion: 93 Resp: 43472

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 93  | 100   |       |       |
| 95  | 83.8  | 65.2  | 97.8  |
| 174 | 97.6  | 78.2  | 117.4 |



#44

Bromodichloromethane

Concen: 10.233 ug/l

RT: 7.118 min Scan# 1797

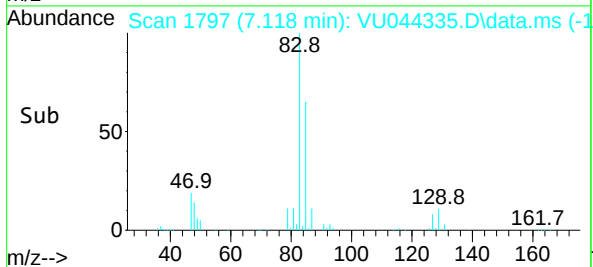
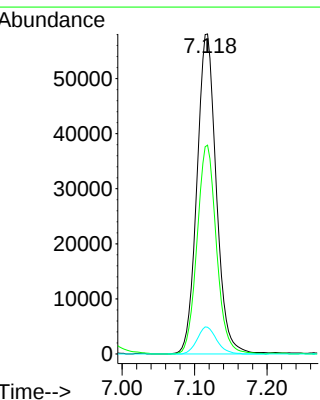
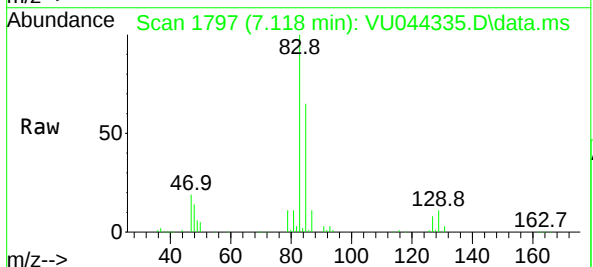
Delta R.T. 0.003 min

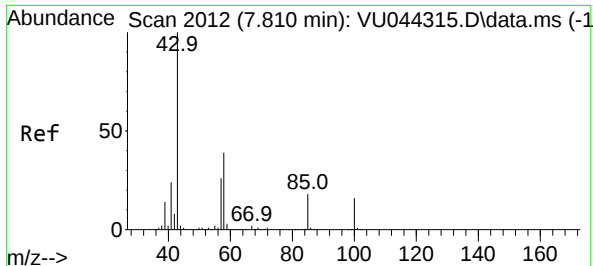
Lab File: VU044335.D

Acq: 08 Jul 2021 21:34

Tgt Ion: 83 Resp: 107800

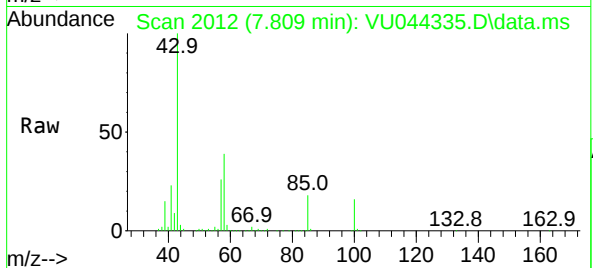
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 85  | 65.2  | 51.3  | 76.9  |
| 127 | 8.4   | 7.3   | 10.9  |



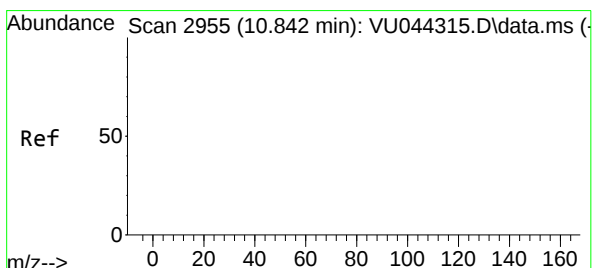
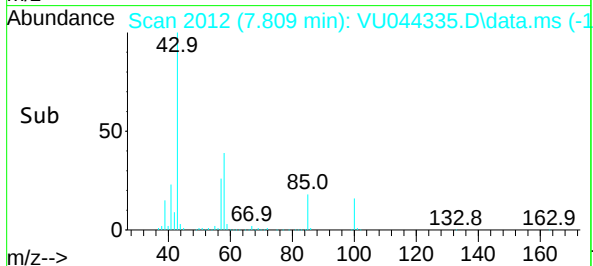
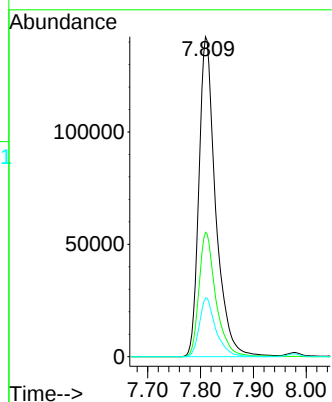


#45  
4-Methyl-2-Pentanone  
Concen: 52.641 ug/l  
RT: 7.809 min Scan# 2012  
Delta R.T. -0.000 min  
Lab File: VU044335.D  
Acq: 08 Jul 2021 21:34

Instrument :  
MSVOA\_U  
ClientSampleId :

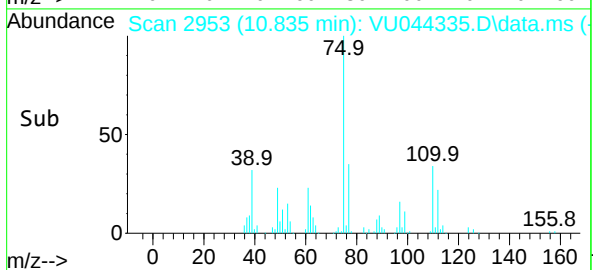
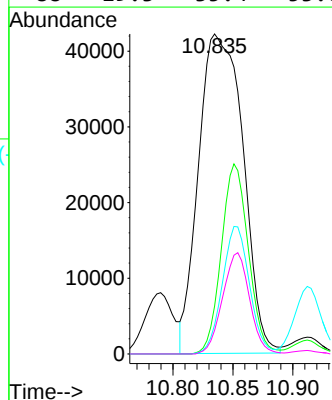
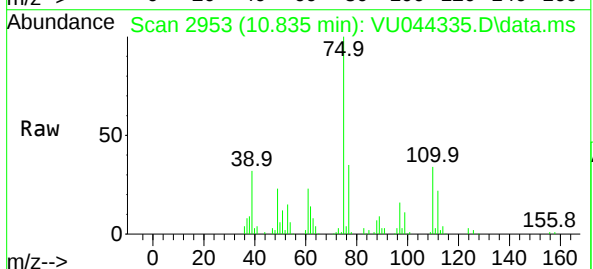


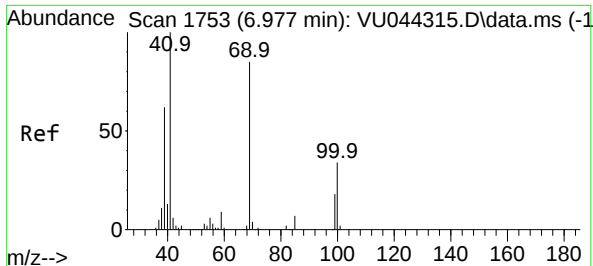
Tgt Ion: 43 Resp: 312691  
Ion Ratio Lower Upper  
43 100  
58 39.0 19.8 59.3  
85 18.1 14.6 21.8



#46  
t-1,4-Dichloro-2-butene  
Concen: 46.664 ug/l  
RT: 10.835 min Scan# 2953  
Delta R.T. -0.007 min  
Lab File: VU044335.D  
Acq: 08 Jul 2021 21:34

Tgt Ion: 75 Resp: 108537  
Ion Ratio Lower Upper  
75 100  
53 36.3 63.7 95.5#  
89 24.6 44.6 67.0#  
88 19.3 35.4 53.0#





#47

Methyl methacrylate

Concen: 21.290 ug/l

RT: 6.976 min Scan# 1753

Delta R.T. -0.000 min

Lab File: VU044335.D

Acq: 08 Jul 2021 21:34

Tgt Ion: 69 Resp: 90508

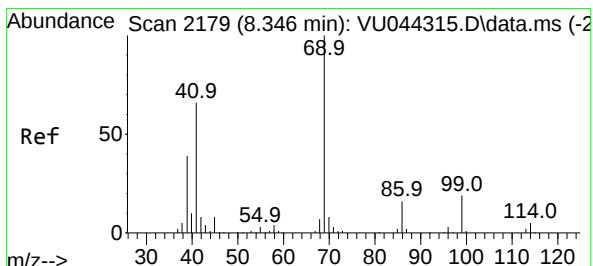
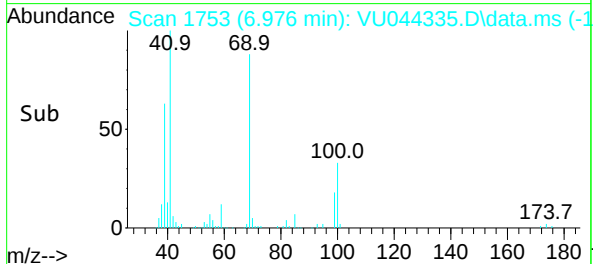
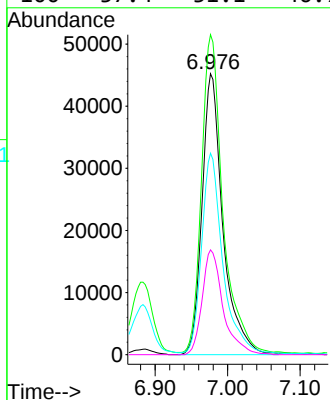
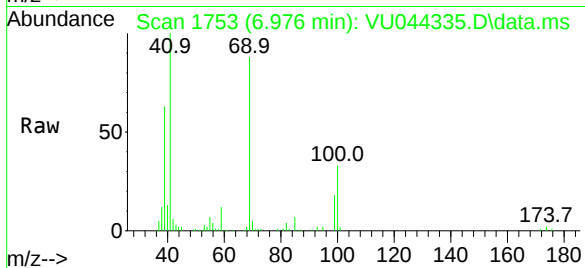
Ion Ratio Lower Upper

69 100

41 114.8 0.0 232.2

39 72.3 57.5 86.3

100 37.4 31.1 46.7



#48

Ethyl methacrylate

Concen: 10.244 ug/l

RT: 8.346 min Scan# 2179

Delta R.T. -0.000 min

Lab File: VU044335.D

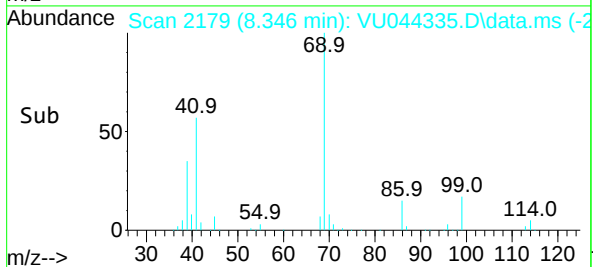
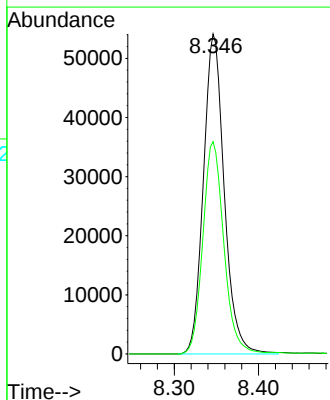
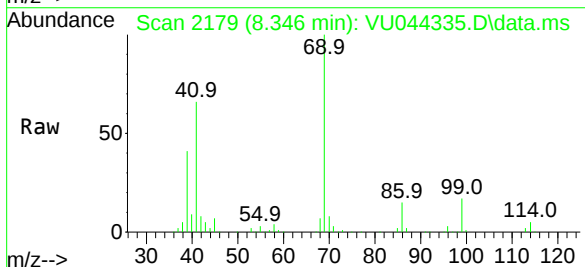
Acq: 08 Jul 2021 21:34

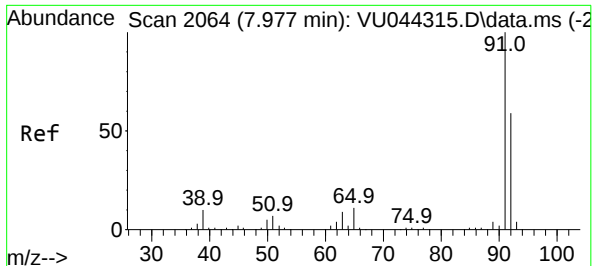
Tgt Ion: 69 Resp: 93158

Ion Ratio Lower Upper

69 100

41 66.7 33.1 99.5





#49

Toluene

Concen: 10.458 ug/l

RT: 7.976 min Scan# 2064

Delta R.T. -0.000 min

Lab File: VU044335.D

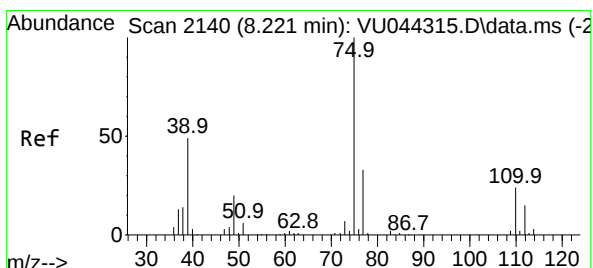
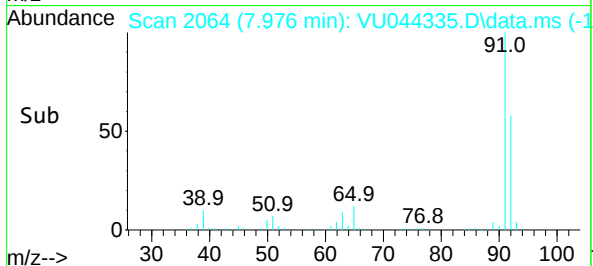
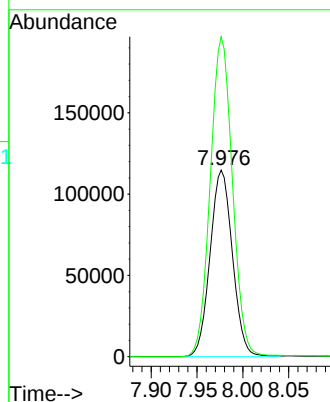
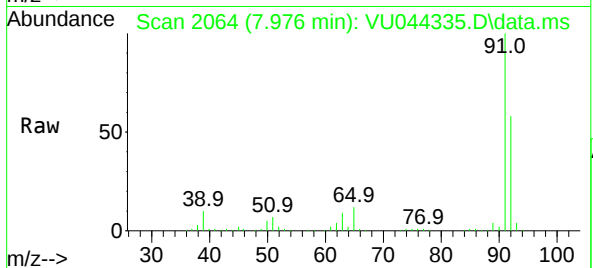
Acq: 08 Jul 2021 21:34

Tgt Ion: 92 Resp: 194472

Ion Ratio Lower Upper

92 100

91 170.4 137.0 205.6



#50

t-1,3-Dichloropropene

Concen: 10.059 ug/l

RT: 8.221 min Scan# 2140

Delta R.T. -0.000 min

Lab File: VU044335.D

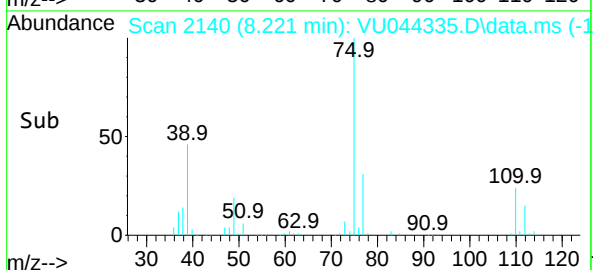
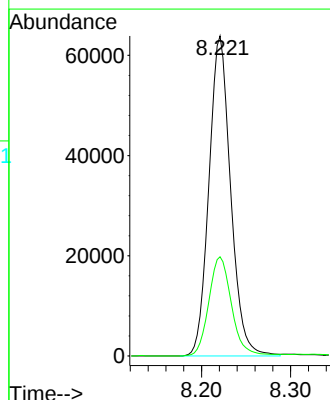
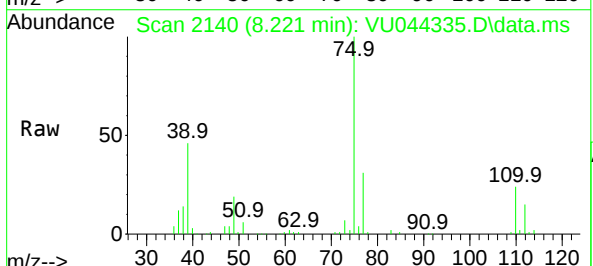
Acq: 08 Jul 2021 21:34

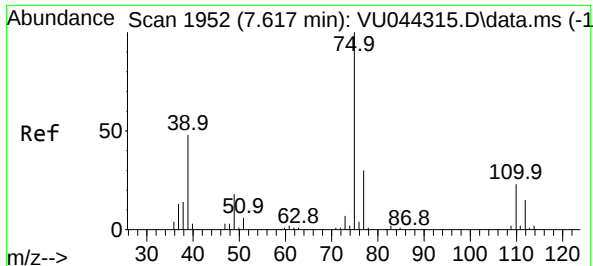
Tgt Ion: 75 Resp: 107841

Ion Ratio Lower Upper

75 100

77 31.0 26.2 39.2

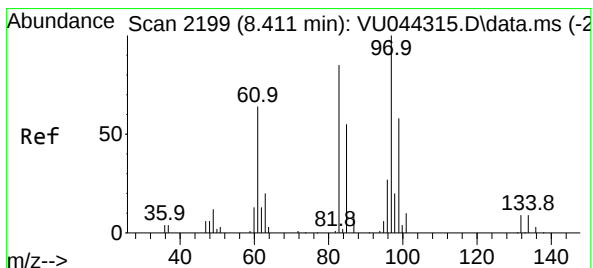
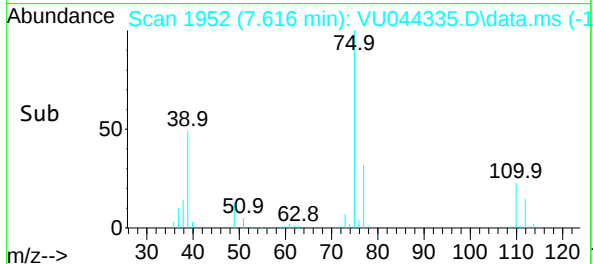
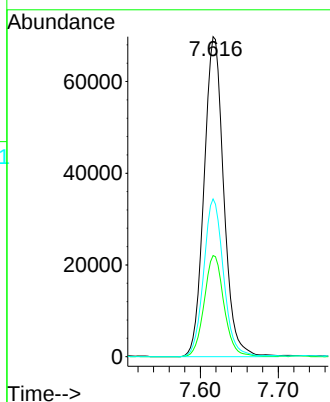
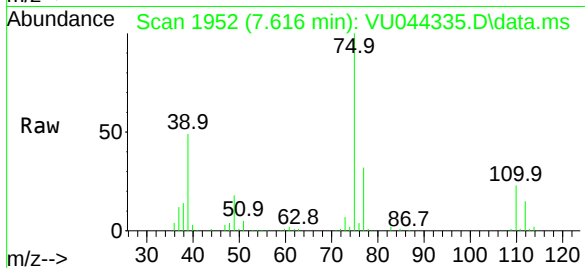




#51  
 cis-1,3-Dichloropropene  
 Concen: 10.066 ug/l  
 RT: 7.616 min Scan# 1952  
 Delta R.T. -0.000 min  
 Lab File: VU044335.D  
 Acq: 08 Jul 2021 21:34

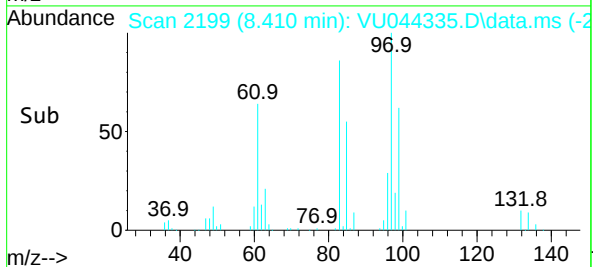
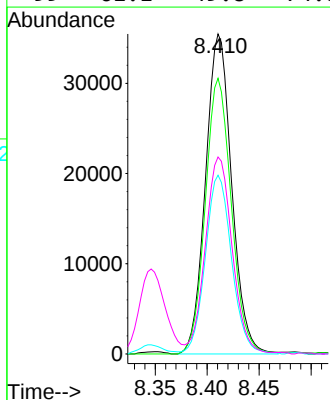
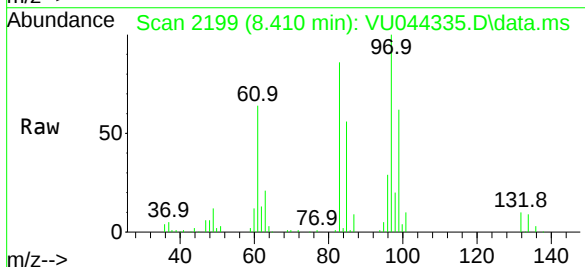
Instrument :  
 MSVOA\_U  
 ClientSampled :

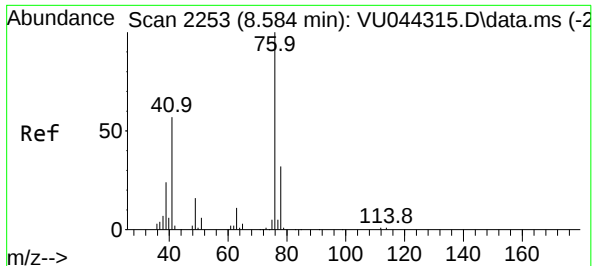
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 75    | Resp: | 122539 |
| Ion      | Ratio | Lower | Upper  |
| 75       | 100   |       |        |
| 77       | 31.6  | 24.3  | 36.5   |
| 39       | 49.3  | 38.5  | 57.7   |



#52  
 1,1,2-Trichloroethane  
 Concen: 10.784 ug/l  
 RT: 8.410 min Scan# 2199  
 Delta R.T. -0.000 min  
 Lab File: VU044335.D  
 Acq: 08 Jul 2021 21:34

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 62128 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 86.2  | 68.2  | 102.2 |
| 85       | 55.5  | 44.0  | 66.0  |
| 99       | 61.1  | 49.8  | 74.8  |

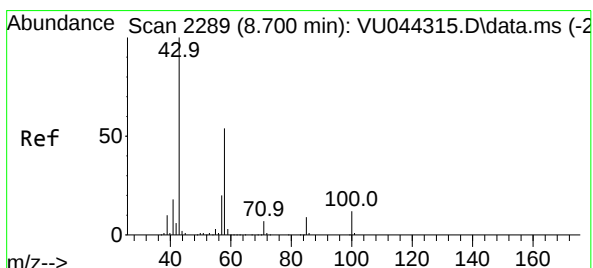
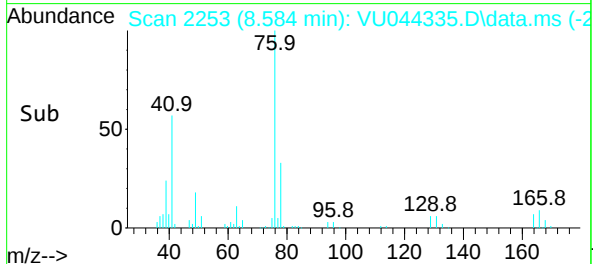
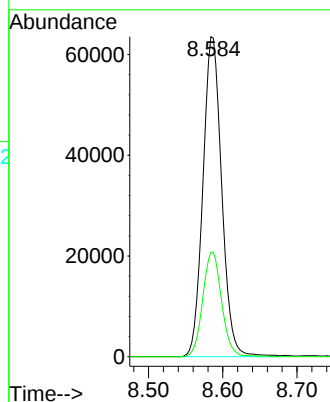
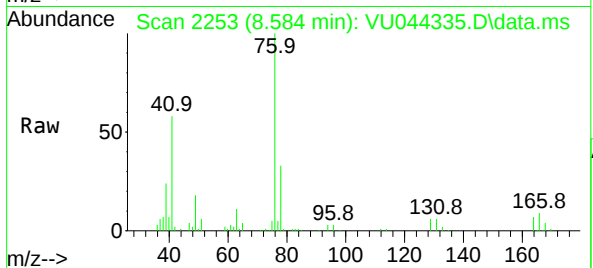




#53  
1,3-Dichloropropane  
Concen: 10.527 ug/l  
RT: 8.584 min Scan# 2253  
Delta R.T. 0.000 min  
Lab File: VU044335.D  
Acq: 08 Jul 2021 21:34

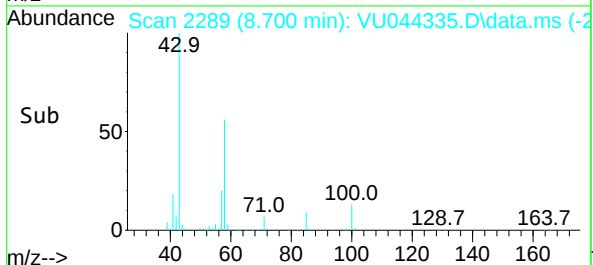
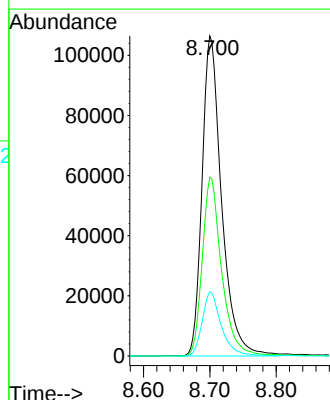
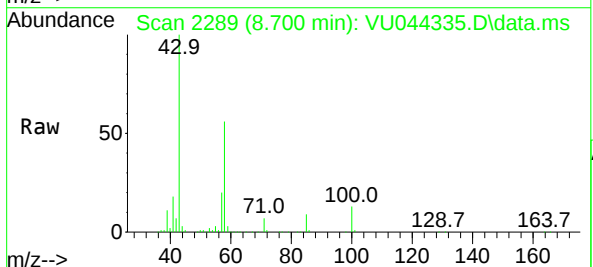
Instrument :  
MSVOA\_U  
ClientSampled :

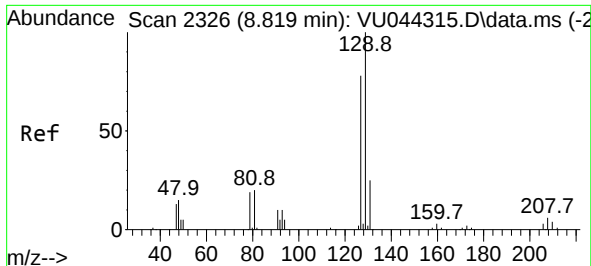
Tgt Ion: 76 Resp: 111433  
Ion Ratio Lower Upper  
76 100  
78 32.8 25.9 38.9



#54  
2-Hexanone  
Concen: 50.586 ug/l  
RT: 8.700 min Scan# 2289  
Delta R.T. -0.000 min  
Lab File: VU044335.D  
Acq: 08 Jul 2021 21:34

Tgt Ion: 43 Resp: 218626  
Ion Ratio Lower Upper  
43 100  
58 55.2 34.4 74.4  
57 19.4 0.0 39.5

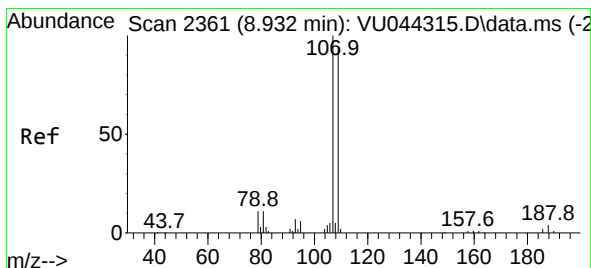
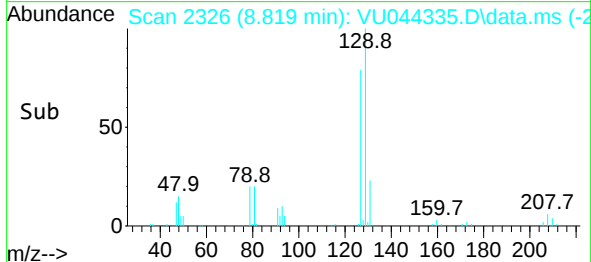
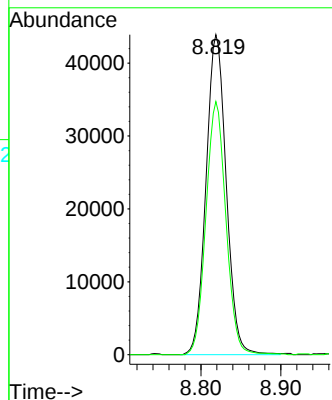
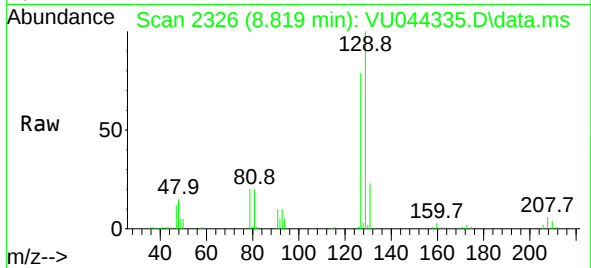




#55  
Dibromochloromethane  
Concen: 10.404 ug/l  
RT: 8.819 min Scan# 2326  
Delta R.T. -0.000 min  
Lab File: VU044335.D  
Acq: 08 Jul 2021 21:34

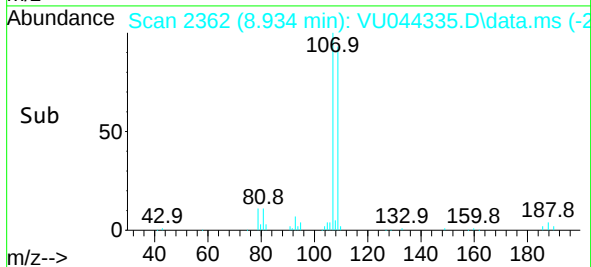
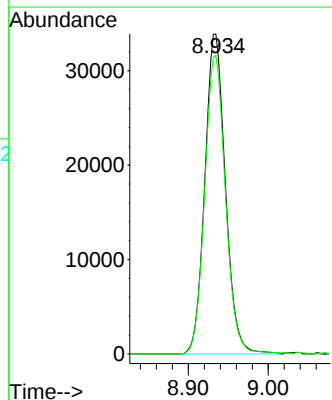
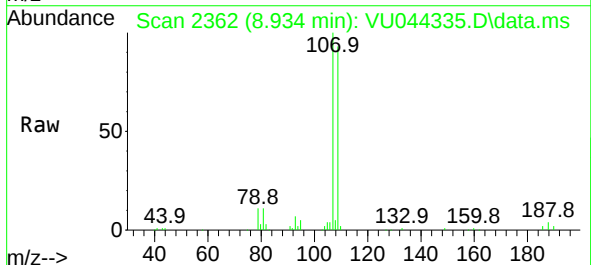
Instrument :  
MSVOA\_U  
ClientSampled :

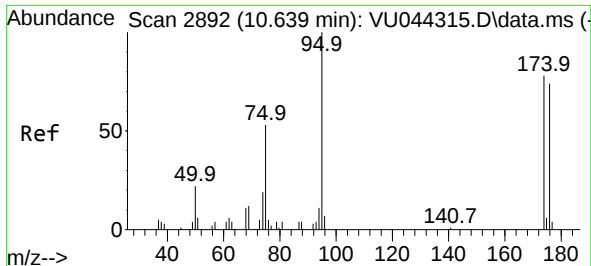
Tgt Ion:129 Resp: 77158  
Ion Ratio Lower Upper  
129 100  
127 78.3 61.8 92.8



#56  
1,2-Dibromoethane  
Concen: 10.534 ug/l  
RT: 8.934 min Scan# 2362  
Delta R.T. 0.003 min  
Lab File: VU044335.D  
Acq: 08 Jul 2021 21:34

Tgt Ion:107 Resp: 60659  
Ion Ratio Lower Upper  
107 100  
109 94.4 0.0 189.0

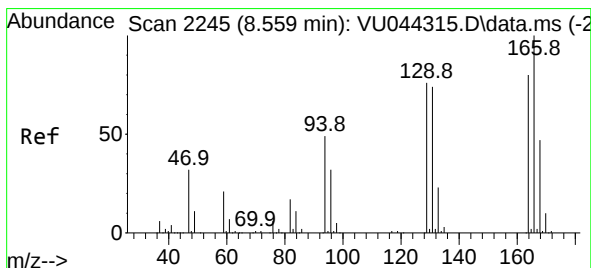
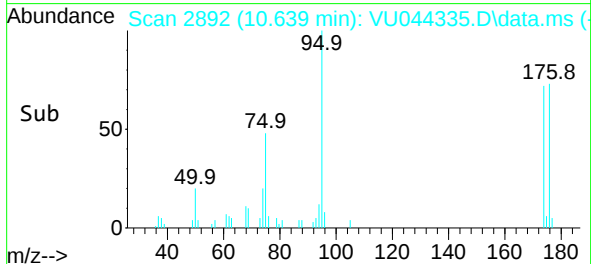
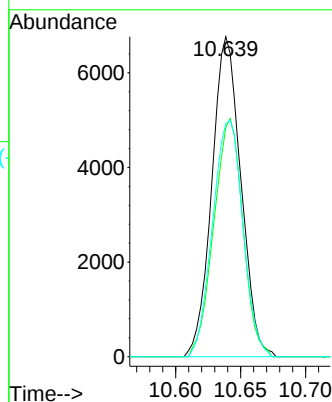
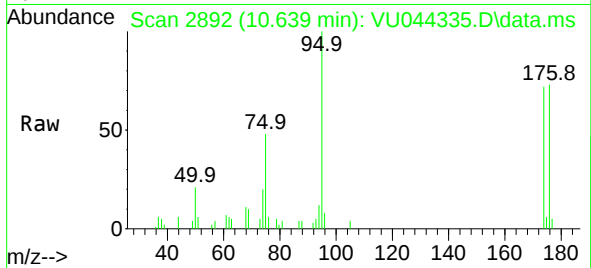




#57  
4-Bromofluorobenzene  
Concen: 0.942 ug/l  
RT: 10.639 min Scan# 2892  
Delta R.T. -0.000 min  
Lab File: VU044335.D  
Acq: 08 Jul 2021 21:34

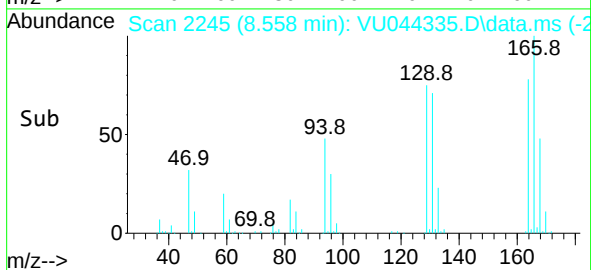
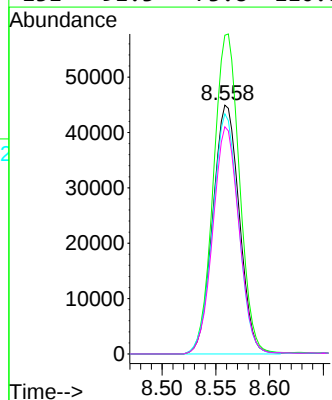
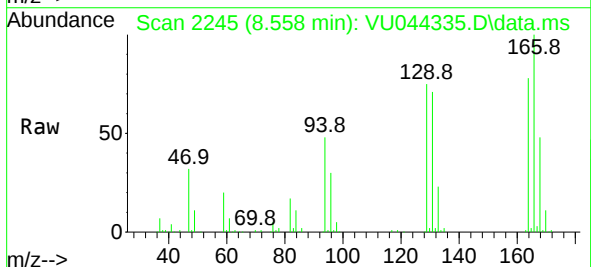
Instrument :  
MSVOA\_U  
ClientSampleId :

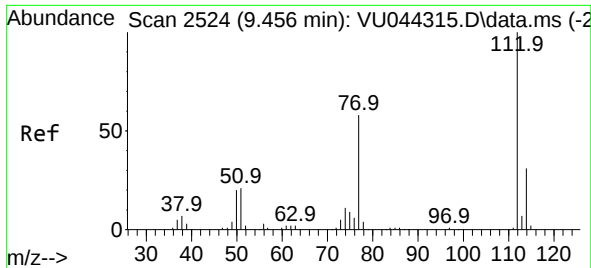
Tgt Ion: 95 Resp: 10488  
Ion Ratio Lower Upper  
95 100  
174 74.5 62.2 93.2  
176 77.2 60.3 90.5



#58  
Tetrachloroethene  
Concen: 10.543 ug/l  
RT: 8.558 min Scan# 2245  
Delta R.T. -0.000 min  
Lab File: VU044335.D  
Acq: 08 Jul 2021 21:34

Tgt Ion: 164 Resp: 76819  
Ion Ratio Lower Upper  
164 100  
166 128.2 100.2 150.4  
129 96.5 76.3 114.5  
131 91.3 73.8 110.8

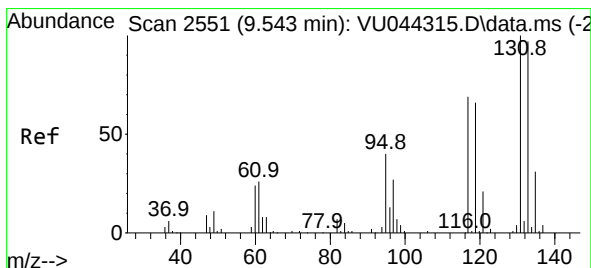
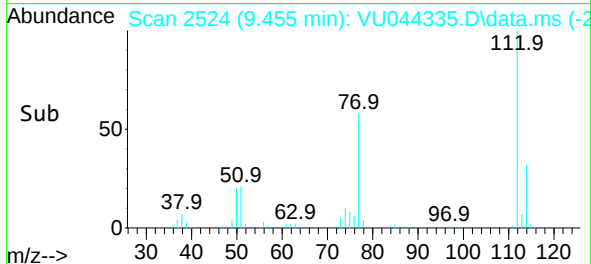
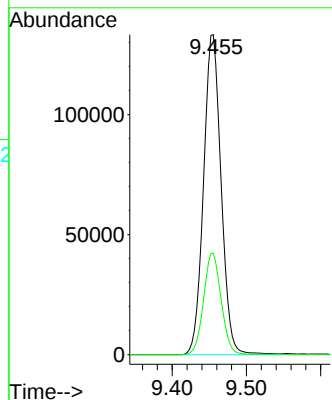
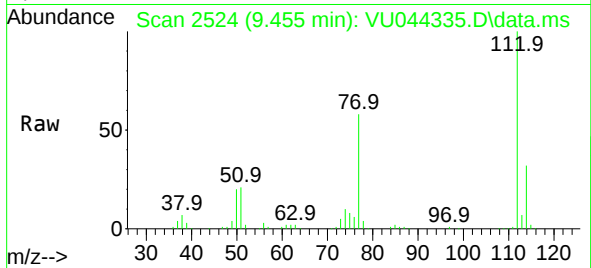




#59  
Chlorobenzene  
Concen: 10.417 ug/l  
RT: 9.455 min Scan# 2524  
Delta R.T. -0.000 min  
Lab File: VU044335.D  
Acq: 08 Jul 2021 21:34

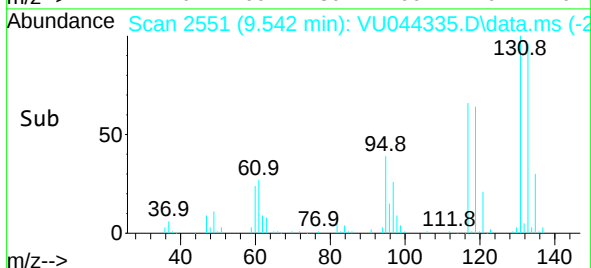
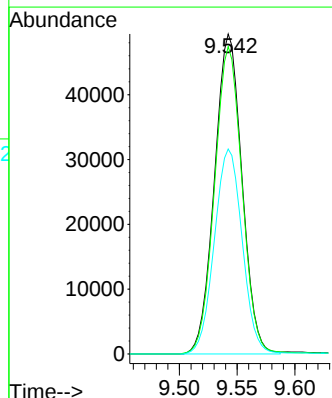
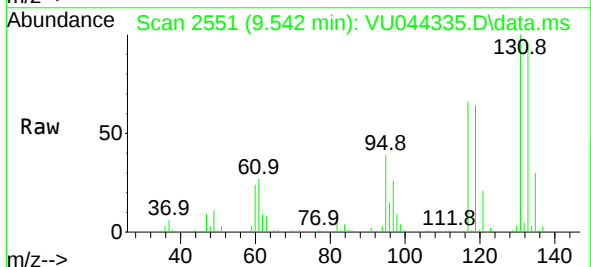
Instrument :  
MSVOA\_U  
ClientSampled :

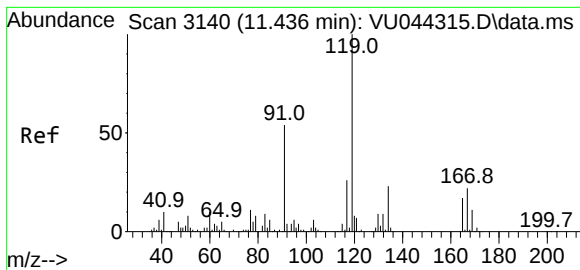
Tgt Ion:112 Resp: 219088  
Ion Ratio Lower Upper  
112 100  
114 31.7 25.0 37.6



#60  
1,1,1,2-Tetrachloroethane  
Concen: 10.364 ug/l  
RT: 9.542 min Scan# 2551  
Delta R.T. -0.000 min  
Lab File: VU044335.D  
Acq: 08 Jul 2021 21:34

Tgt Ion:131 Resp: 81580  
Ion Ratio Lower Upper  
131 100  
133 96.0 77.3 115.9  
119 65.0 52.8 79.2

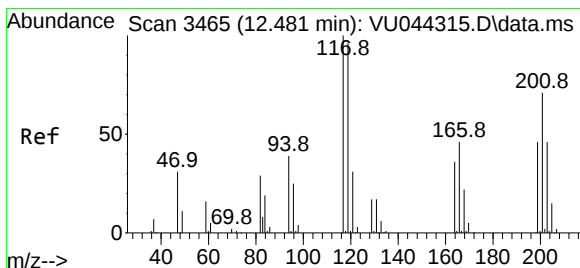
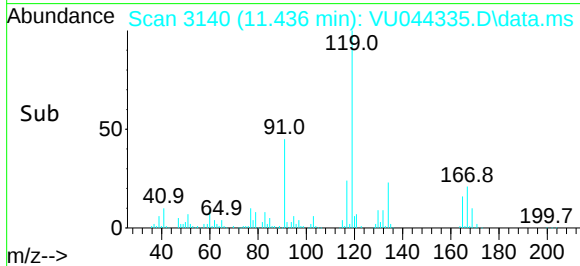
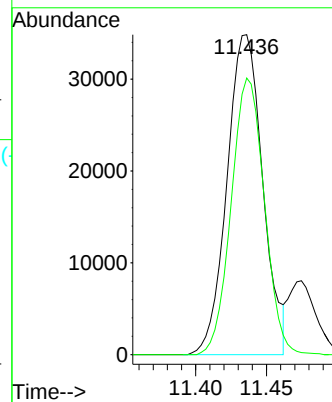
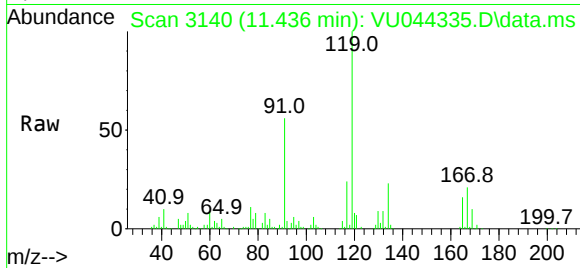




#61  
 Pentachloroethane  
 Concen: 10.269 ug/l  
 RT: 11.436 min Scan# 3140  
 Delta R.T. -0.000 min  
 Lab File: VU044335.D  
 Acq: 08 Jul 2021 21:34

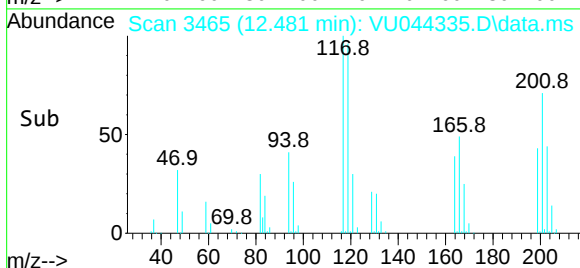
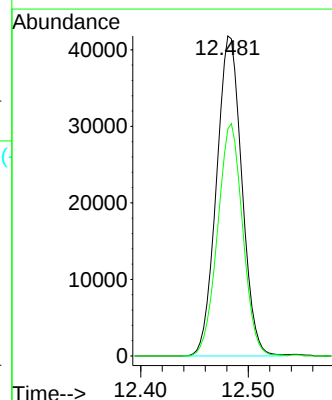
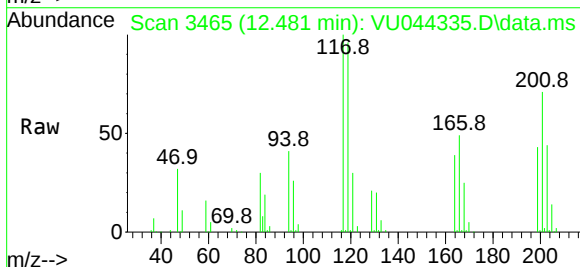
Instrument :  
 MSVOA\_U  
 ClientSampled :

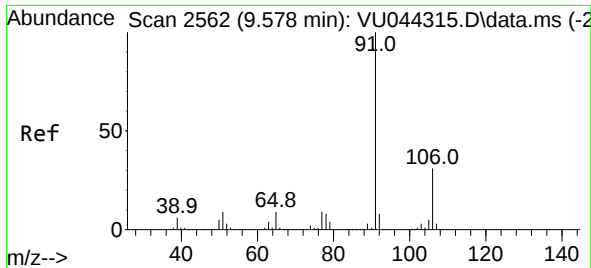
Tgt Ion:117 Resp: 61152  
 Ion Ratio Lower Upper  
 117 100  
 167 80.1 66.7 100.1



#62  
 Hexachloroethane  
 Concen: 10.143 ug/l  
 RT: 12.481 min Scan# 3465  
 Delta R.T. -0.000 min  
 Lab File: VU044335.D  
 Acq: 08 Jul 2021 21:34

Tgt Ion:117 Resp: 68492  
 Ion Ratio Lower Upper  
 117 100  
 201 71.9 58.0 87.0

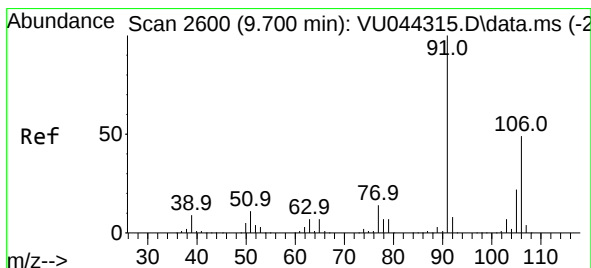
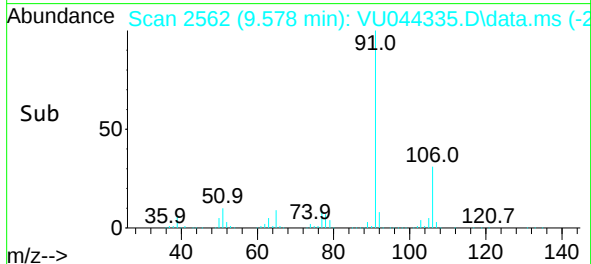
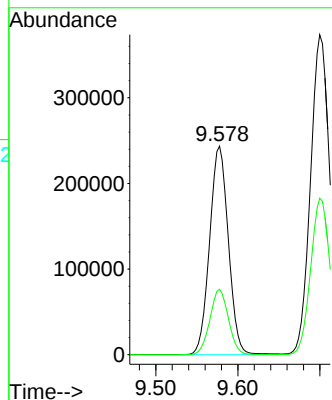
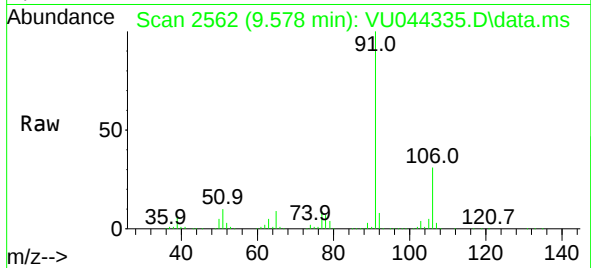




#63  
Ethyl Benzene  
Concen: 10.420 ug/l  
RT: 9.578 min Scan# 2562  
Delta R.T. -0.000 min  
Lab File: VU044335.D  
Acq: 08 Jul 2021 21:34

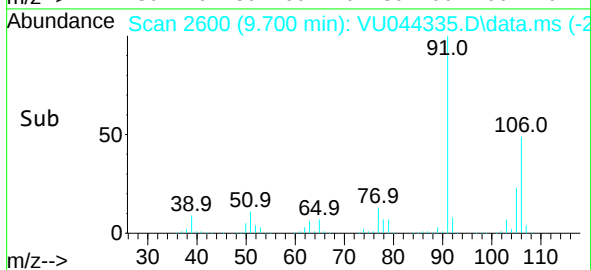
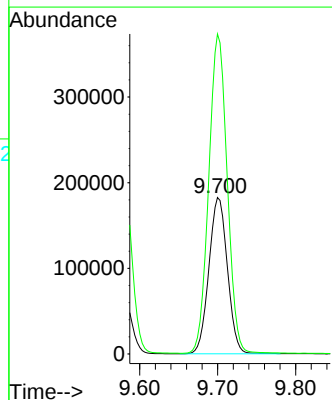
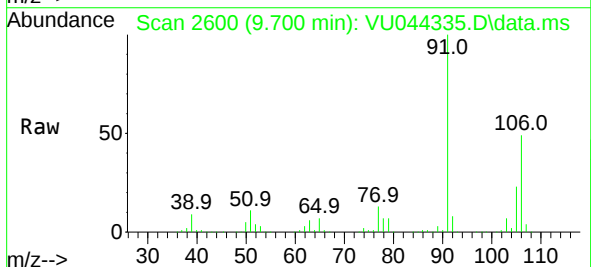
Instrument :  
MSVOA\_U  
ClientSampled :

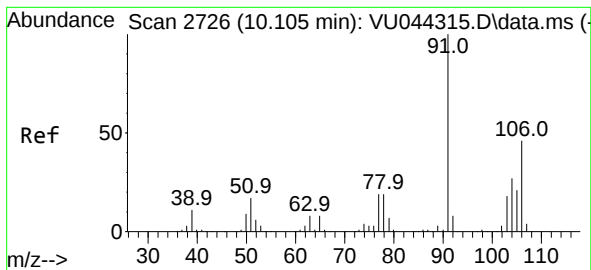
Tgt Ion: 91 Resp: 387814  
Ion Ratio Lower Upper  
91 100  
106 31.4 24.6 37.0



#64  
m/p-Xylenes  
Concen: 20.837 ug/l  
RT: 9.700 min Scan# 2600  
Delta R.T. -0.000 min  
Lab File: VU044335.D  
Acq: 08 Jul 2021 21:34

Tgt Ion:106 Resp: 301131  
Ion Ratio Lower Upper  
106 100  
91 203.9 162.5 243.7

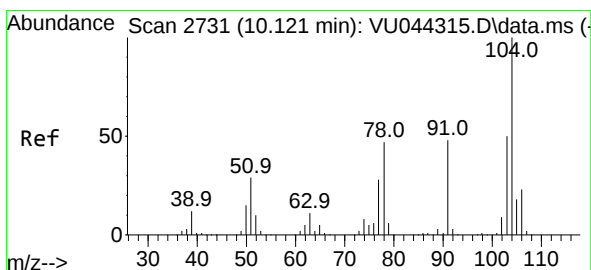
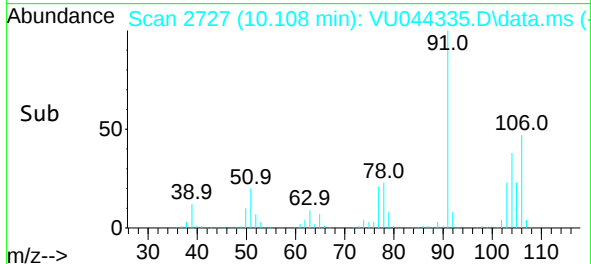
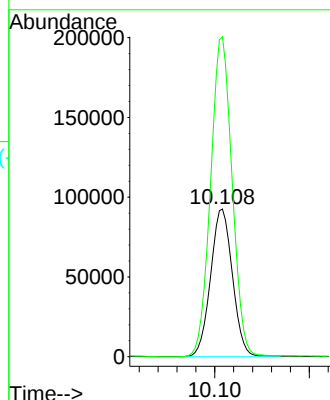
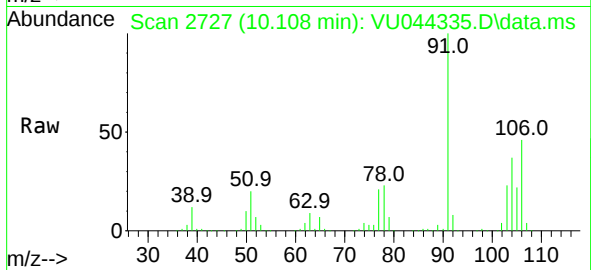




#65  
o-Xylene  
Concen: 10.525 ug/l  
RT: 10.108 min Scan# 2727  
Delta R.T. 0.003 min  
Lab File: VU044335.D  
Acq: 08 Jul 2021 21:34

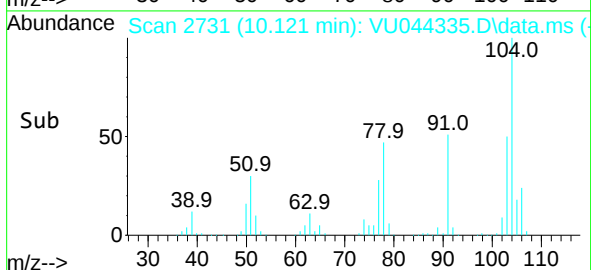
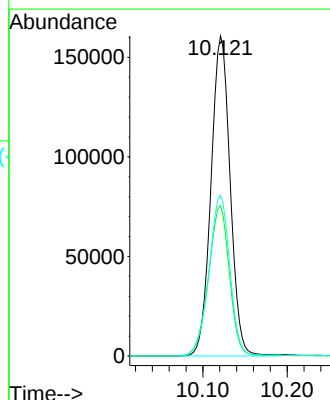
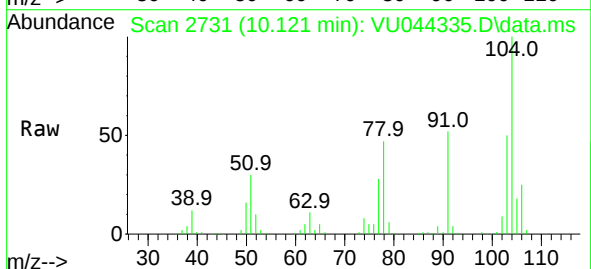
Instrument :  
MSVOA\_U  
ClientSampleId :

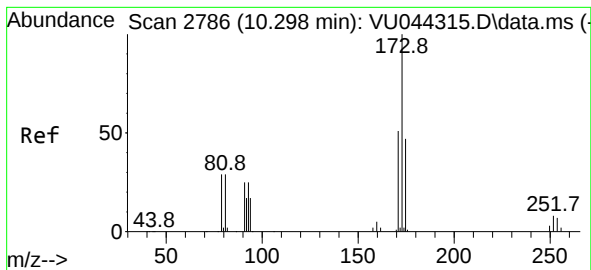
Tgt Ion:106 Resp: 148650  
Ion Ratio Lower Upper  
106 100  
91 214.2 108.2 324.6



#66  
Styrene  
Concen: 10.495 ug/l  
RT: 10.121 min Scan# 2731  
Delta R.T. -0.000 min  
Lab File: VU044335.D  
Acq: 08 Jul 2021 21:34

Tgt Ion:104 Resp: 254486  
Ion Ratio Lower Upper  
104 100  
78 51.2 41.6 62.4  
103 54.5 43.3 64.9





#67

Bromoform

Concen: 10.129 ug/l

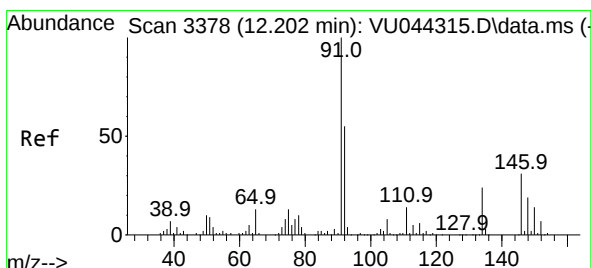
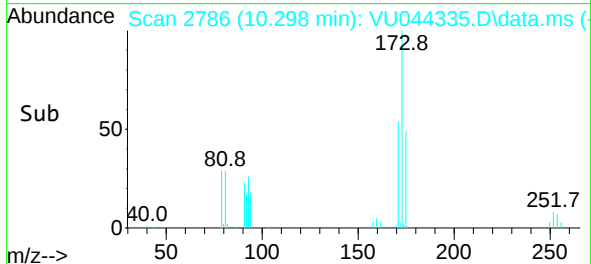
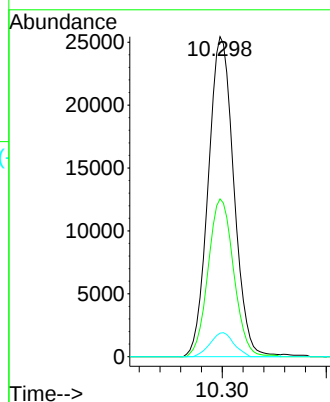
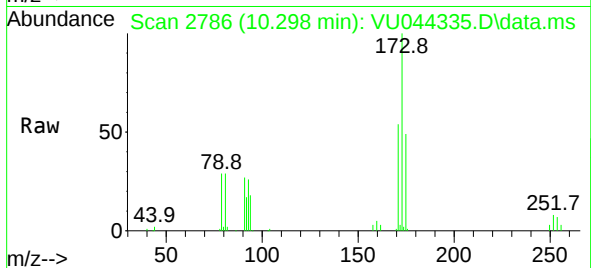
RT: 10.298 min Scan# 2786

Delta R.T. -0.000 min

Lab File: VU044335.D

Acq: 08 Jul 2021 21:34

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 173   | Resp: | 43381 |
| Ion Ratio | Lower | Upper |       |
| 173       | 100   |       |       |
| 175       | 49.3  | 38.3  | 57.5  |
| 254       | 7.0   | 5.8   | 8.6   |



#68

1,2-Dichlorobenzene-d4

Concen: 0.969 ug/l

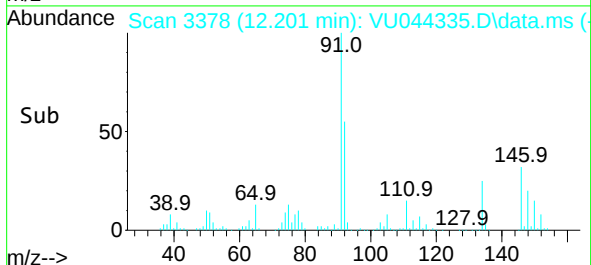
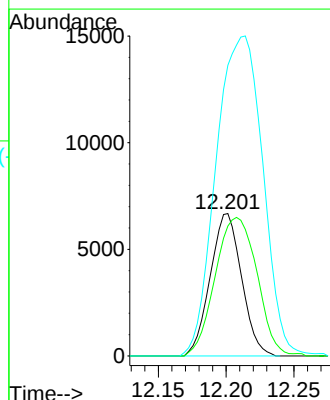
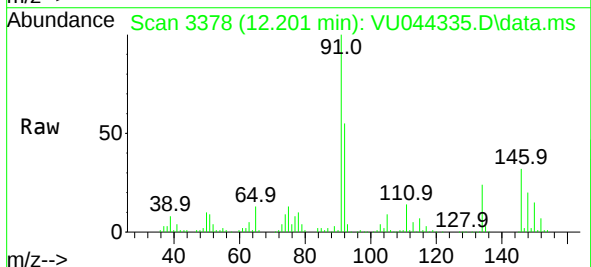
RT: 12.201 min Scan# 3378

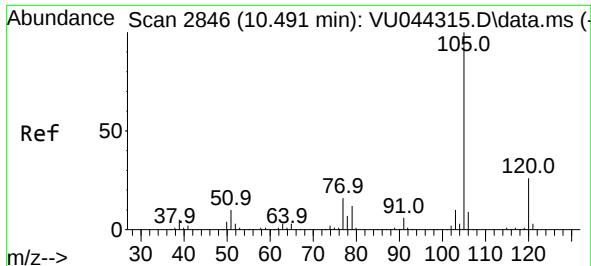
Delta R.T. -0.000 min

Lab File: VU044335.D

Acq: 08 Jul 2021 21:34

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 152   | Resp: | 10747 |
| Ion Ratio | Lower | Upper |       |
| 152       | 100   |       |       |
| 115       | 129.7 | 0.0   | 257.0 |
| 150       | 335.3 | 0.0   | 630.2 |

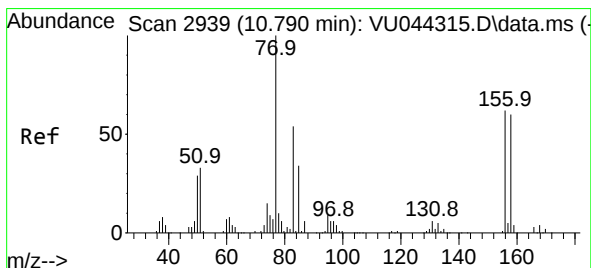
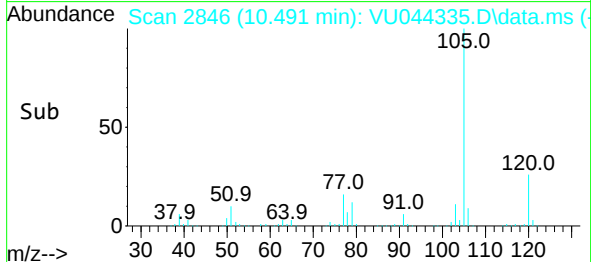
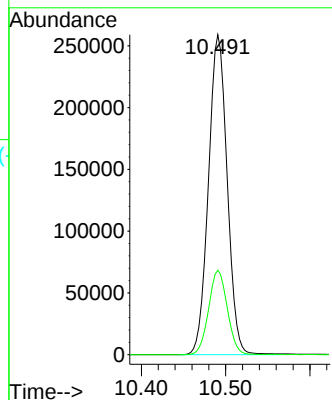
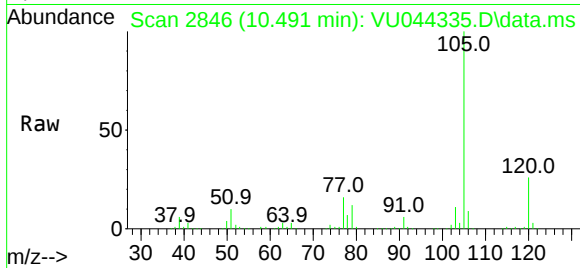




#69  
Isopropylbenzene  
Concen: 10.364 ug/l  
RT: 10.491 min Scan# 2846  
Delta R.T. -0.000 min  
Lab File: VU044335.D  
Acq: 08 Jul 2021 21:34

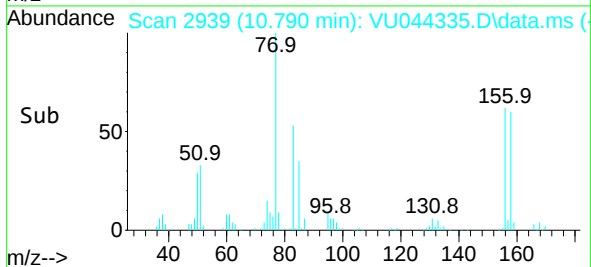
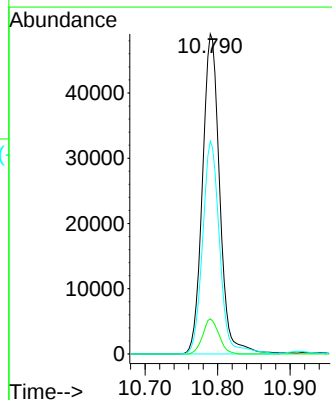
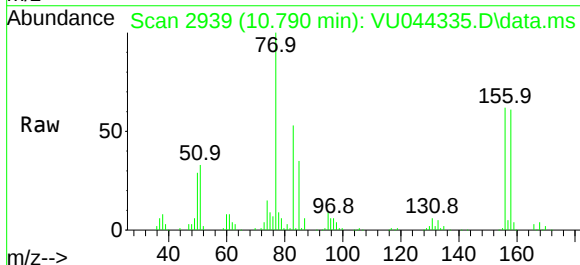
Instrument :  
MSVOA\_U  
ClientSampled :

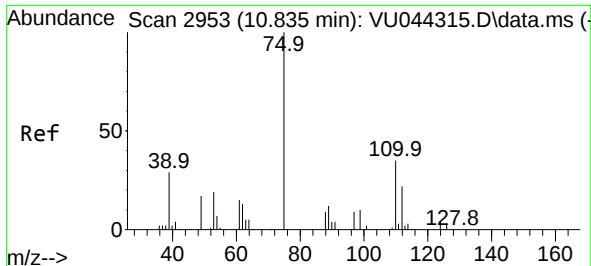
Tgt Ion:105 Resp: 400383  
Ion Ratio Lower Upper  
105 100  
120 26.3 13.1 39.3



#70  
1,1,2,2-Tetrachloroethane  
Concen: 10.472 ug/l  
RT: 10.790 min Scan# 2939  
Delta R.T. -0.000 min  
Lab File: VU044335.D  
Acq: 08 Jul 2021 21:34

Tgt Ion: 83 Resp: 81002  
Ion Ratio Lower Upper  
83 100  
131 10.3 8.2 12.2  
85 65.9 50.8 76.2



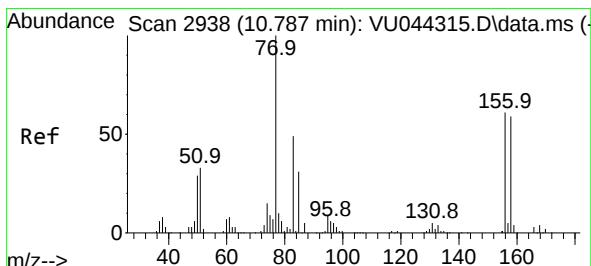
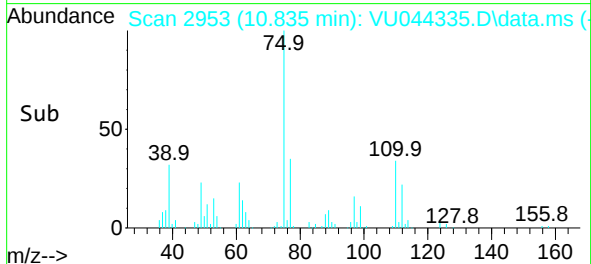
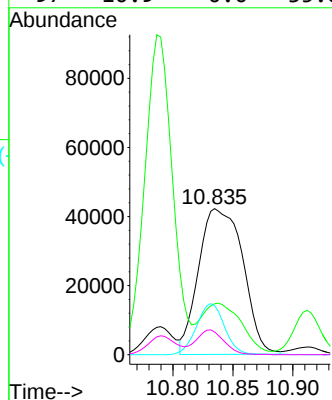
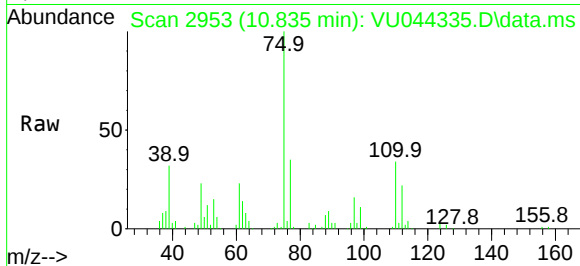


#71  
1,2,3-Trichloropropane  
Concen: 17.784 ug/l  
RT: 10.835 min Scan# 2953  
Delta R.T. -0.000 min  
Lab File: VU044335.D  
Acq: 08 Jul 2021 21:34

Instrument :  
MSVOA\_U  
ClientSampled :

Tgt Ion: 75 Resp: 108537

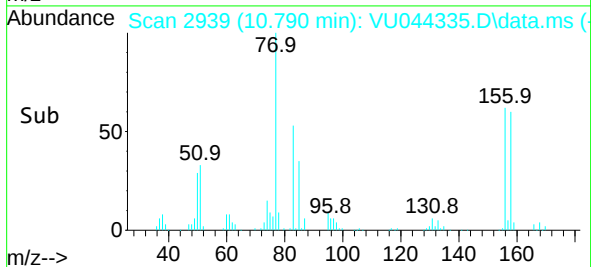
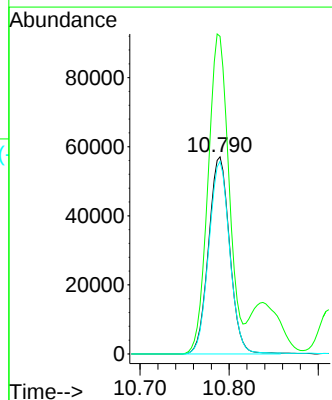
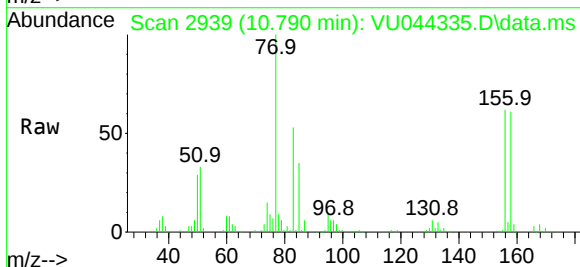
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 77  | 30.9  | 0.0   | 111.4 |
| 110 | 22.2  | 0.0   | 74.6  |
| 97  | 10.9  | 0.0   | 35.8  |

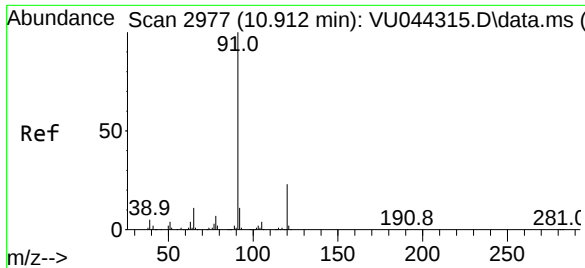


#72  
Bromobenzene  
Concen: 10.402 ug/l  
RT: 10.790 min Scan# 2939  
Delta R.T. 0.003 min  
Lab File: VU044335.D  
Acq: 08 Jul 2021 21:34

Tgt Ion: 156 Resp: 93730

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 156 | 100   |       |       |
| 77  | 161.0 | 0.0   | 324.2 |
| 158 | 97.2  | 0.0   | 192.4 |

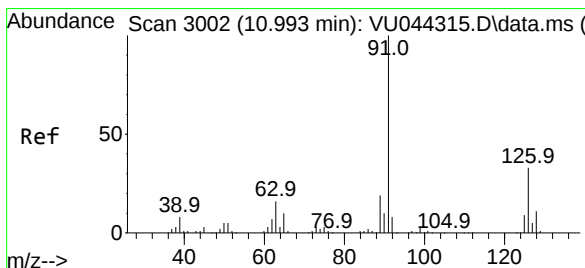
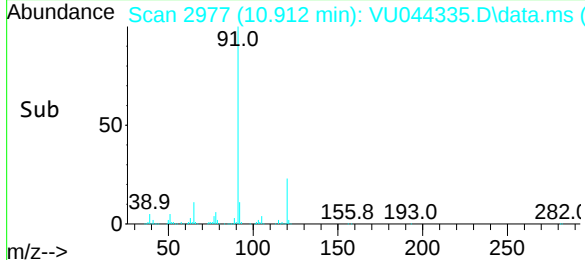
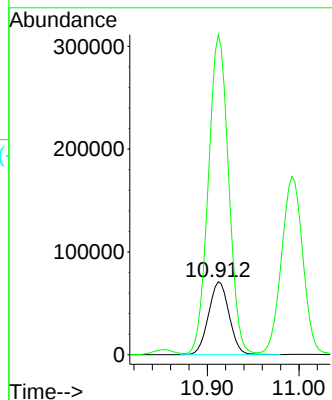
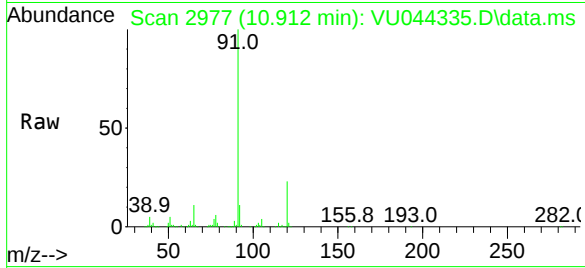




#73  
n-propylbenzene  
Concen: 10.443 ug/l  
RT: 10.912 min Scan# 2977  
Delta R.T. -0.000 min  
Lab File: VU044335.D  
Acq: 08 Jul 2021 21:34

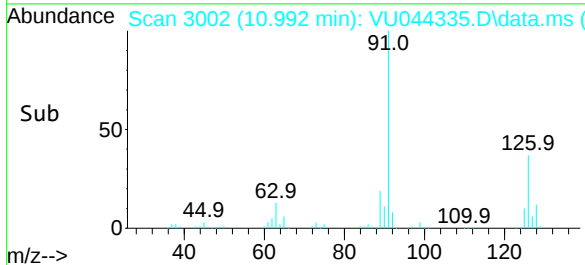
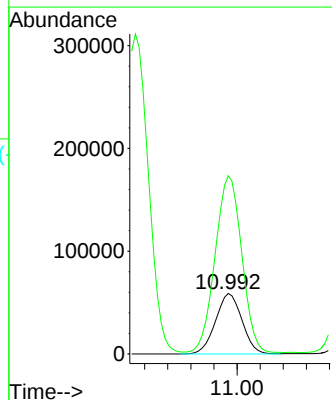
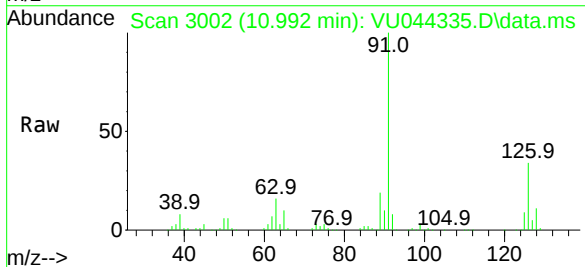
Instrument :  
MSVOA\_U  
ClientSampleId :

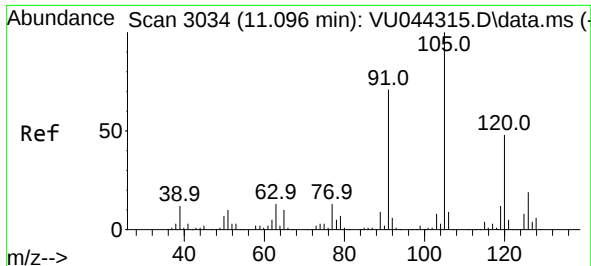
Tgt Ion:120 Resp: 110605  
Ion Ratio Lower Upper  
120 100  
91 429.3 346.6 519.8



#74  
2-Chlorotoluene  
Concen: 10.221 ug/l  
RT: 10.992 min Scan# 3002  
Delta R.T. -0.000 min  
Lab File: VU044335.D  
Acq: 08 Jul 2021 21:34

Tgt Ion:126 Resp: 93338  
Ion Ratio Lower Upper  
126 100  
91 293.8 0.0 593.2

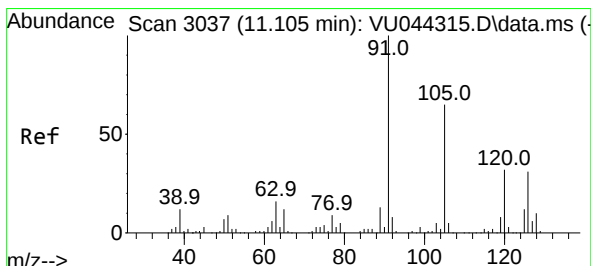
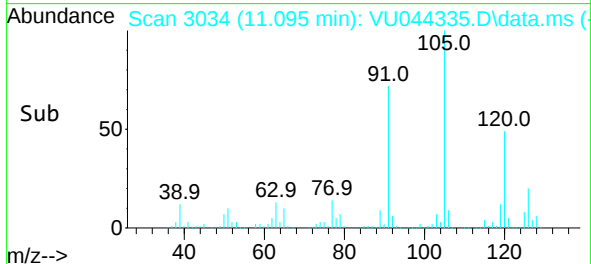
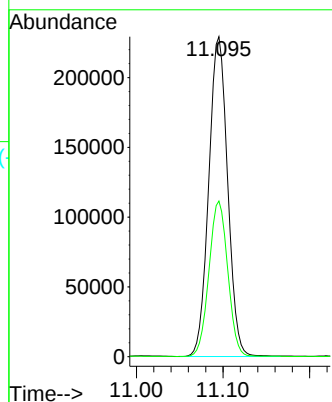
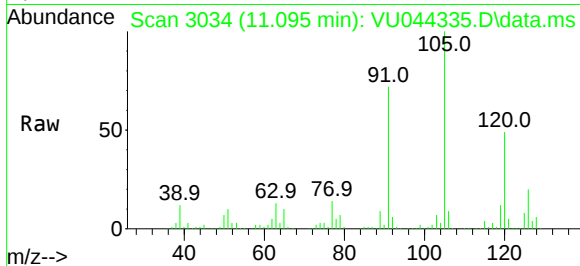




#75  
1,3,5-Trimethylbenzene  
Concen: 10.483 ug/l  
RT: 11.095 min Scan# 3034  
Delta R.T. -0.000 min  
Lab File: VU044335.D  
Acq: 08 Jul 2021 21:34

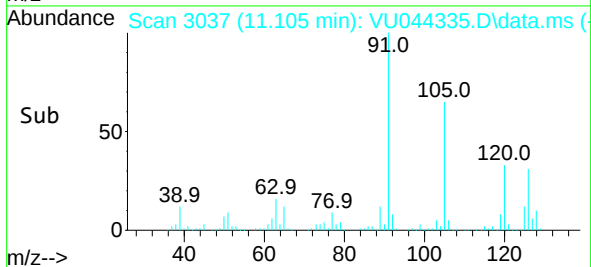
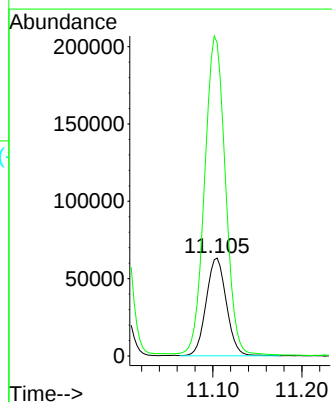
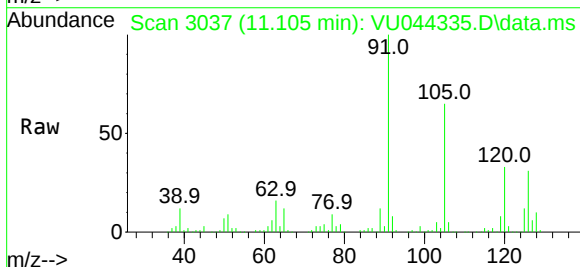
Instrument :  
MSVOA\_U  
ClientSampleId :

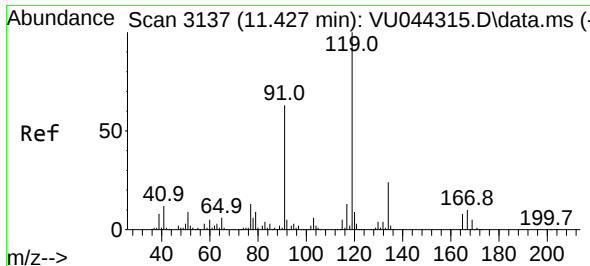
Tgt Ion:105 Resp: 346686  
Ion Ratio Lower Upper  
105 100  
120 48.5 38.6 58.0



#76  
4-Chlorotoluene  
Concen: 10.334 ug/l  
RT: 11.105 min Scan# 3037  
Delta R.T. -0.000 min  
Lab File: VU044335.D  
Acq: 08 Jul 2021 21:34

Tgt Ion:126 Resp: 99240  
Ion Ratio Lower Upper  
126 100  
91 339.2 0.0 692.4

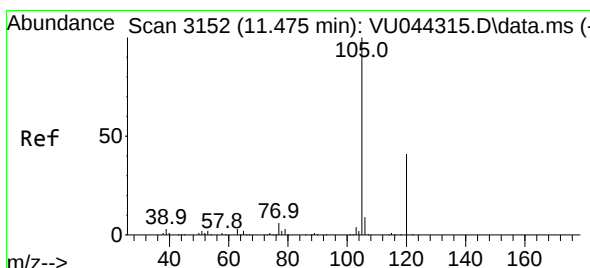
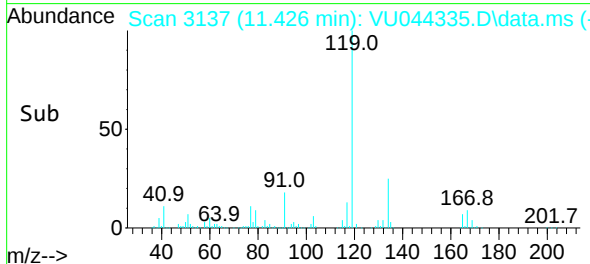
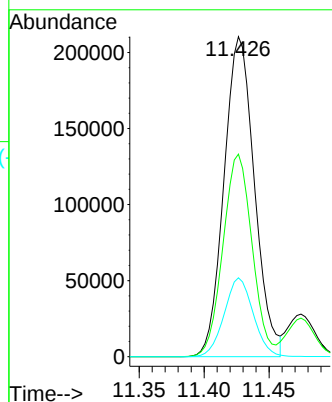
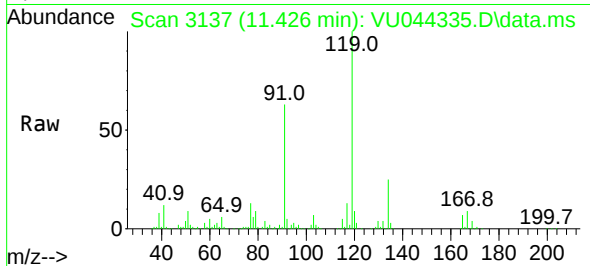




#77  
tert-Butylbenzene  
Concen: 10.324 ug/l  
RT: 11.426 min Scan# 3137  
Delta R.T. -0.000 min  
Lab File: VU044335.D  
Acq: 08 Jul 2021 21:34

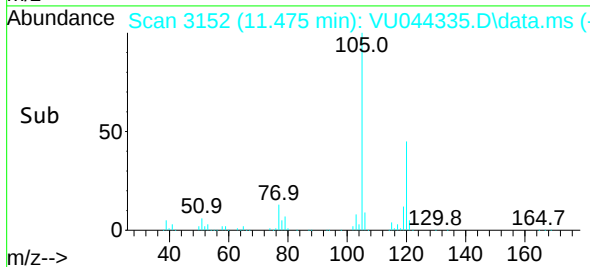
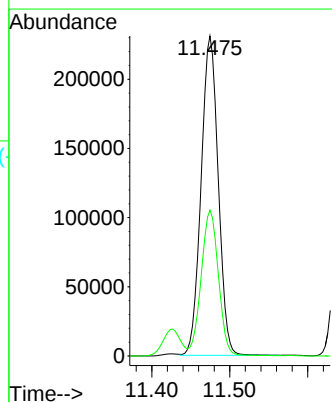
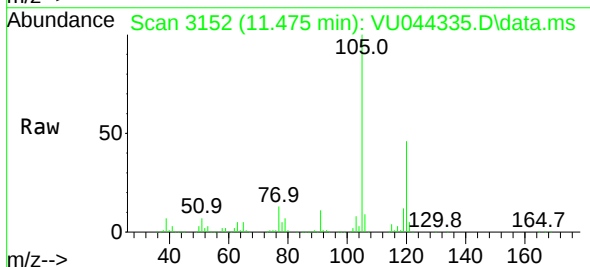
Instrument :  
MSVOA\_U  
ClientSampleId :

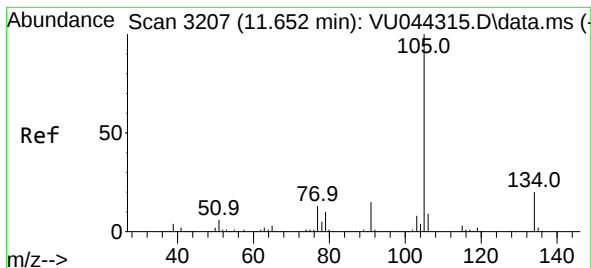
Tgt Ion:119 Resp: 343220  
Ion Ratio Lower Upper  
119 100  
91 60.6 29.9 89.7  
134 23.5 18.7 28.1



#78  
1,2,4-Trimethylbenzene  
Concen: 10.514 ug/l  
RT: 11.475 min Scan# 3152  
Delta R.T. -0.000 min  
Lab File: VU044335.D  
Acq: 08 Jul 2021 21:34

Tgt Ion:105 Resp: 351780  
Ion Ratio Lower Upper  
105 100  
120 45.9 22.7 68.0

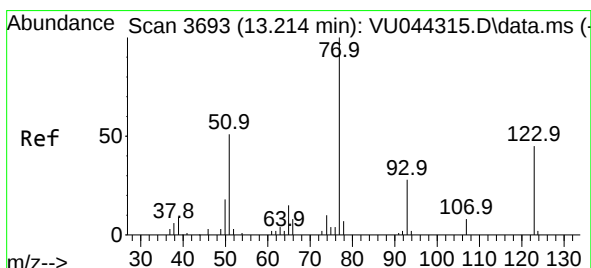
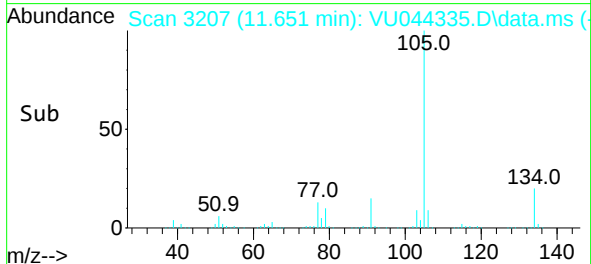
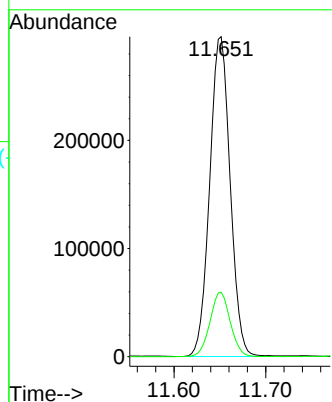
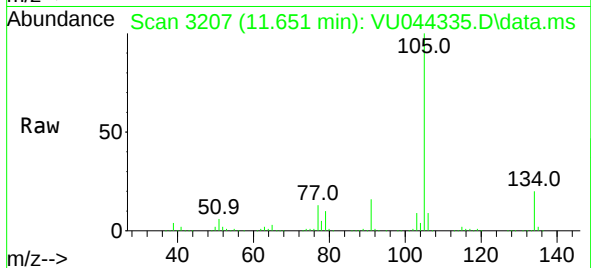




#79  
 sec-Butylbenzene  
 Concen: 10.431 ug/l  
 RT: 11.651 min Scan# 3207  
 Delta R.T. -0.000 min  
 Lab File: VU044335.D  
 Acq: 08 Jul 2021 21:34

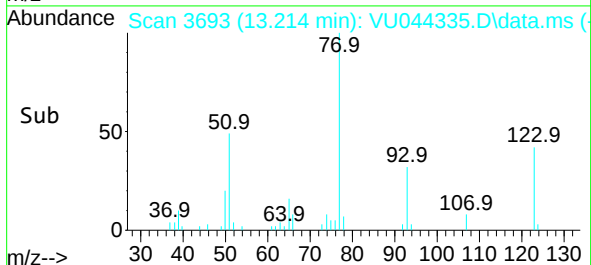
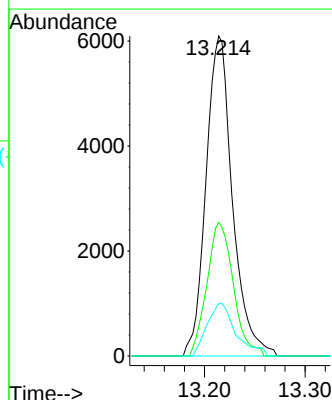
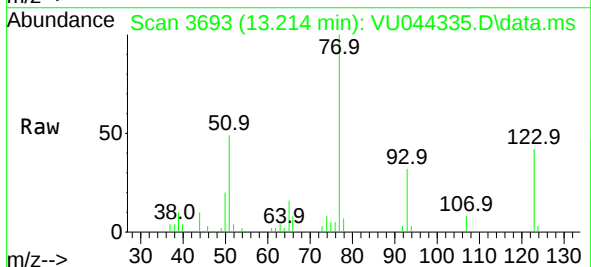
Instrument :  
 MSVOA\_U  
 ClientSampled :

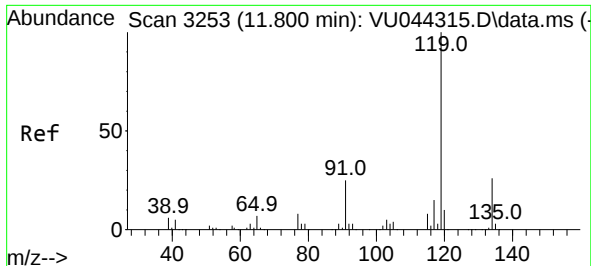
Tgt Ion:105 Resp: 459359  
 Ion Ratio Lower Upper  
 105 100  
 134 20.0 16.1 24.1



#80  
 Nitrobenzene  
 Concen: 35.135 ug/l  
 RT: 13.214 min Scan# 3693  
 Delta R.T. -0.000 min  
 Lab File: VU044335.D  
 Acq: 08 Jul 2021 21:34

Tgt Ion: 77 Resp: 11142  
 Ion Ratio Lower Upper  
 77 100  
 123 41.6 19.0 67.4  
 65 17.8 12.2 15.6#

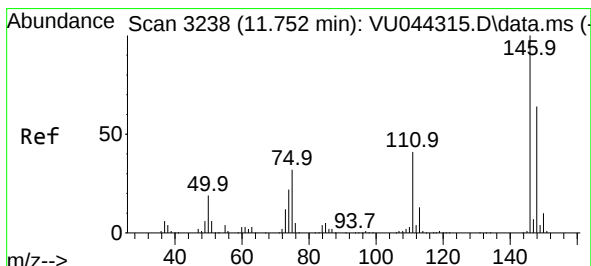
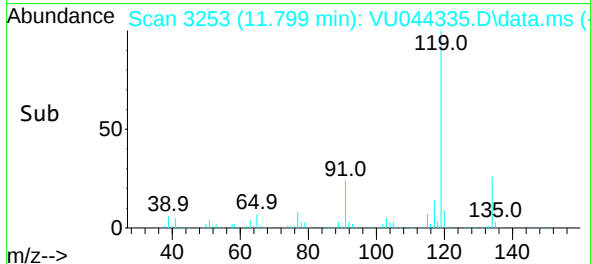
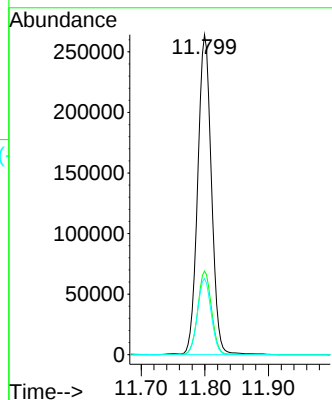
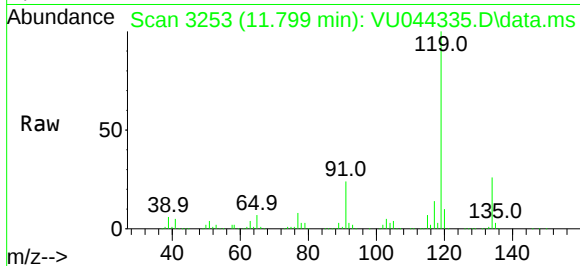




#81  
p-Isopropyltoluene  
Concen: 10.600 ug/l  
RT: 11.799 min Scan# 3253  
Delta R.T. -0.000 min  
Lab File: VU044335.D  
Acq: 08 Jul 2021 21:34

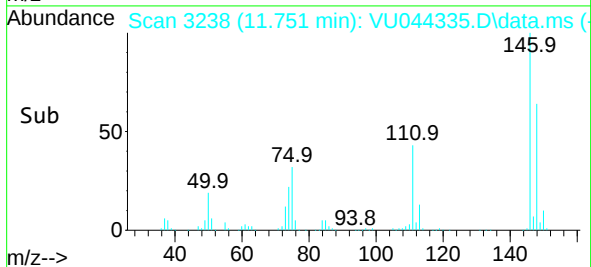
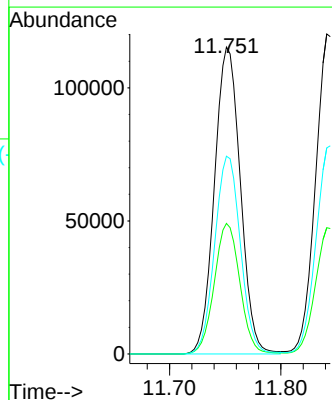
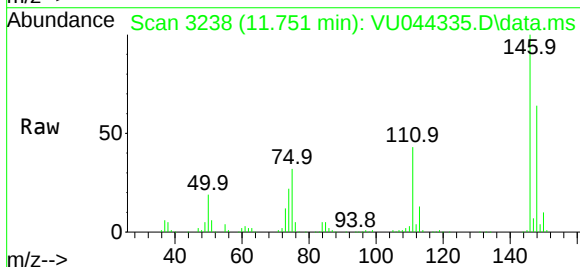
Instrument :  
MSVOA\_U  
ClientSampleId :

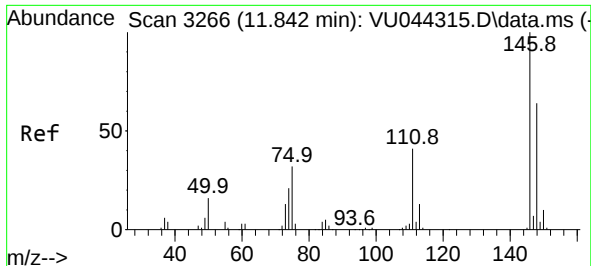
Tgt Ion:119 Resp: 395259  
Ion Ratio Lower Upper  
119 100  
134 25.9 21.0 31.4  
91 23.5 19.4 29.2



#82  
1,3-Dichlorobenzene  
Concen: 10.162 ug/l  
RT: 11.751 min Scan# 3238  
Delta R.T. -0.000 min  
Lab File: VU044335.D  
Acq: 08 Jul 2021 21:34

Tgt Ion:146 Resp: 186614  
Ion Ratio Lower Upper  
146 100  
111 42.0 33.3 49.9  
148 64.1 50.9 76.3

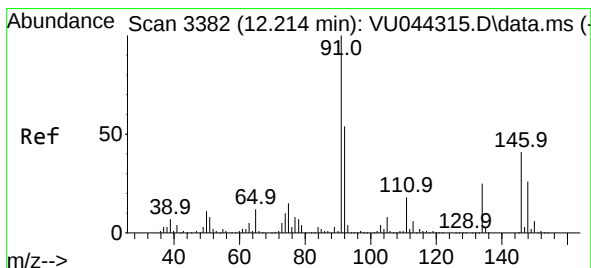
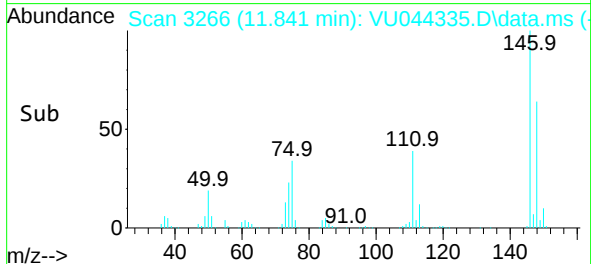
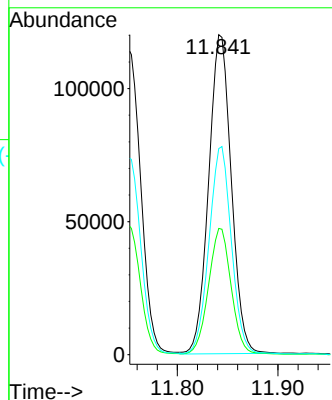
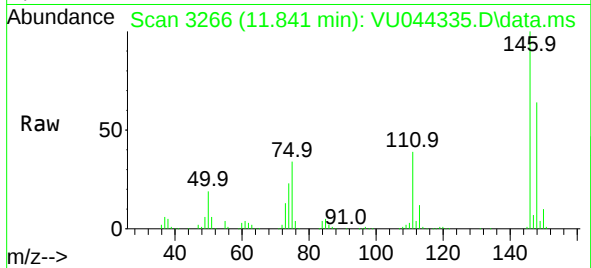




#83  
1,4-Dichlorobenzene  
Concen: 10.267 ug/l  
RT: 11.841 min Scan# 3266  
Delta R.T. -0.000 min  
Lab File: VU044335.D  
Acq: 08 Jul 2021 21:34

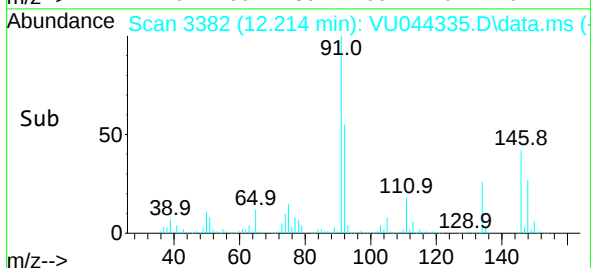
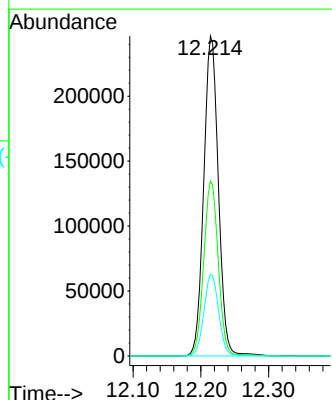
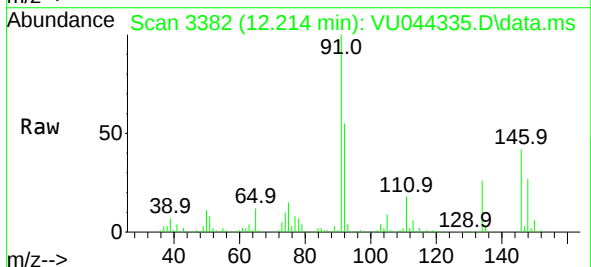
Instrument :  
MSVOA\_U  
ClientSampleId :

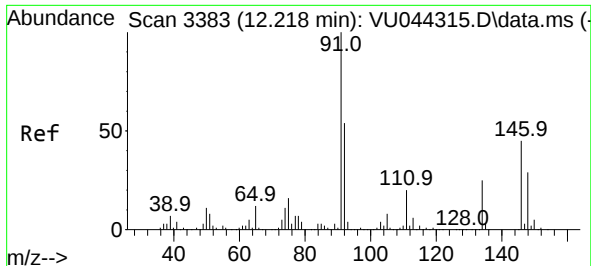
Tgt Ion:146 Resp: 187374  
Ion Ratio Lower Upper  
146 100  
111 39.5 32.6 48.8  
148 64.6 50.8 76.2



#84  
n-Butylbenzene  
Concen: 10.336 ug/l  
RT: 12.214 min Scan# 3382  
Delta R.T. -0.000 min  
Lab File: VU044335.D  
Acq: 08 Jul 2021 21:34

Tgt Ion: 91 Resp: 368985  
Ion Ratio Lower Upper  
91 100  
92 54.5 43.3 64.9  
134 25.8 20.2 30.4

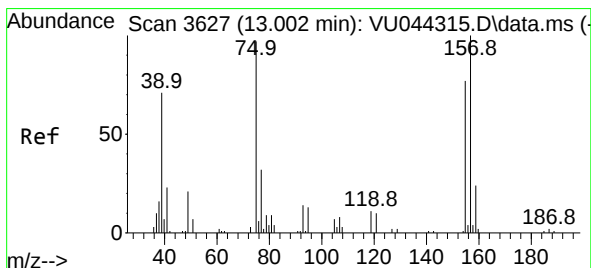
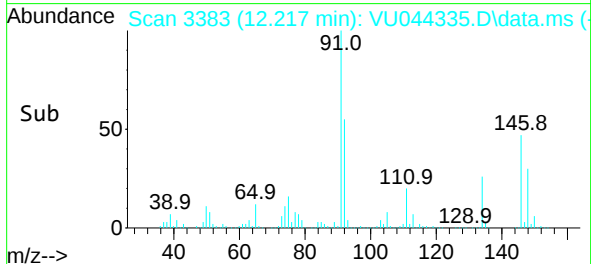
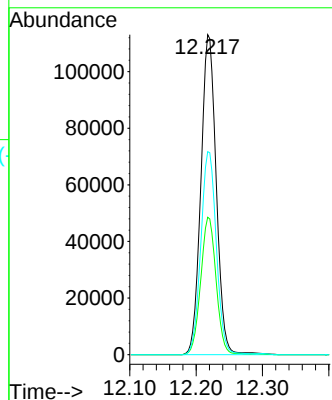
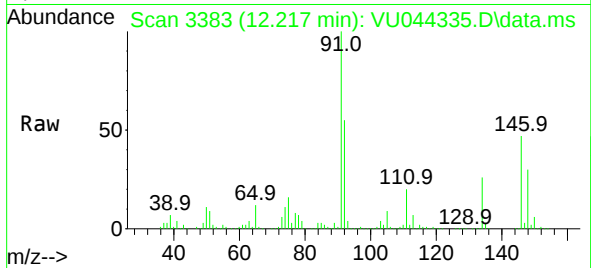




#85  
1,2-Dichlorobenzene  
Concen: 10.443 ug/l  
RT: 12.217 min Scan# 3383  
Delta R.T. -0.000 min  
Lab File: VU044335.D  
Acq: 08 Jul 2021 21:34

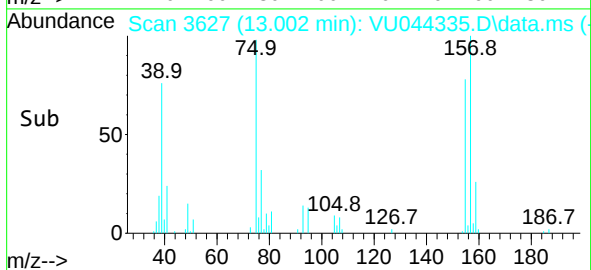
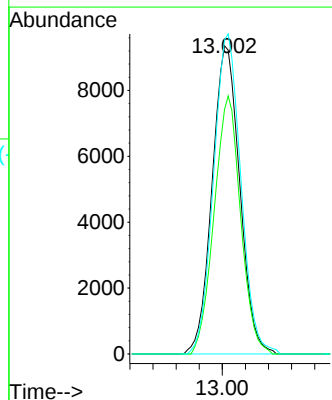
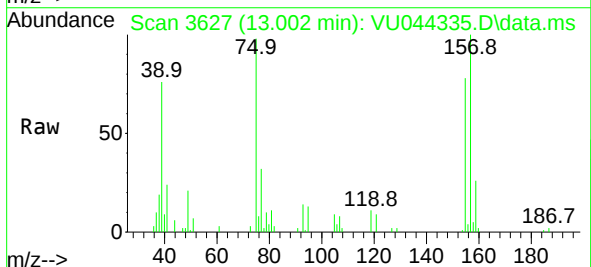
Instrument :  
MSVOA\_U  
ClientSampleId :

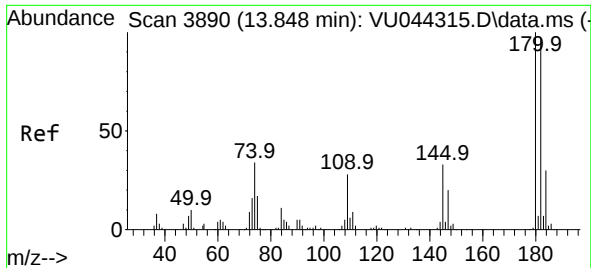
Tgt Ion:146 Resp: 181854  
Ion Ratio Lower Upper  
146 100  
111 43.0 21.6 64.6  
148 64.1 31.9 95.7



#86  
1,2-Dibromo-3-Chloropropane  
Concen: 10.543 ug/l  
RT: 13.002 min Scan# 3627  
Delta R.T. -0.000 min  
Lab File: VU044335.D  
Acq: 08 Jul 2021 21:34

Tgt Ion: 75 Resp: 15532  
Ion Ratio Lower Upper  
75 100  
155 80.1 64.7 97.1  
157 102.6 85.3 127.9

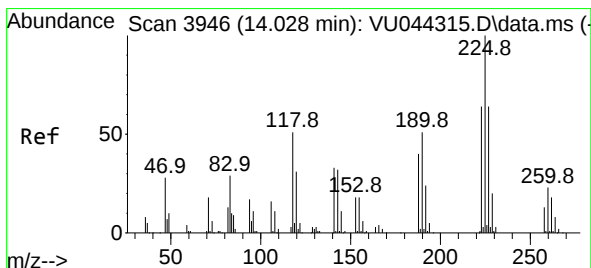
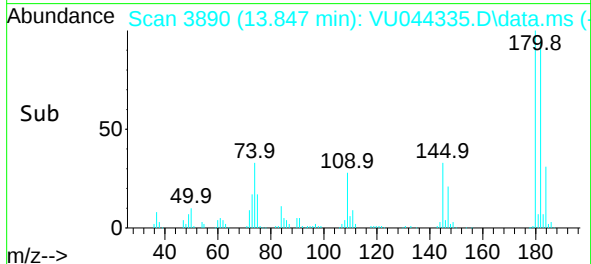
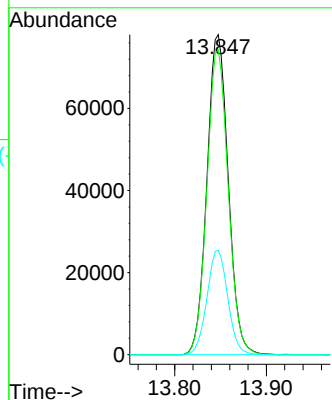
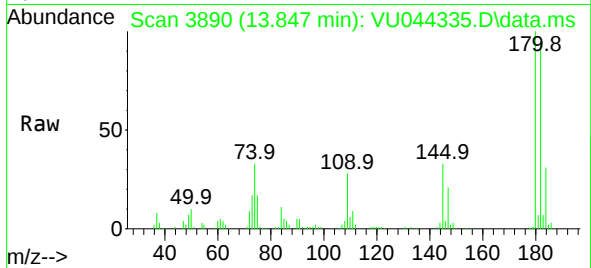




#87  
1,2,4-Trichlorobenzene  
Concen: 10.080 ug/l  
RT: 13.847 min Scan# 3890  
Delta R.T. -0.000 min  
Lab File: VU044335.D  
Acq: 08 Jul 2021 21:34

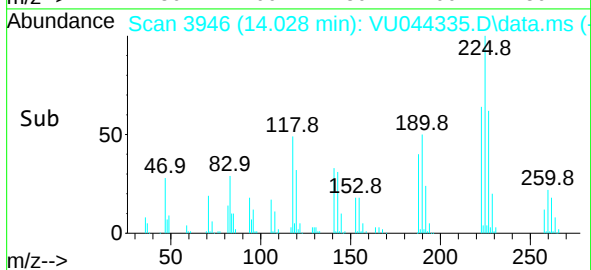
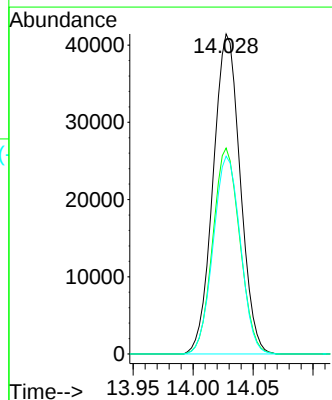
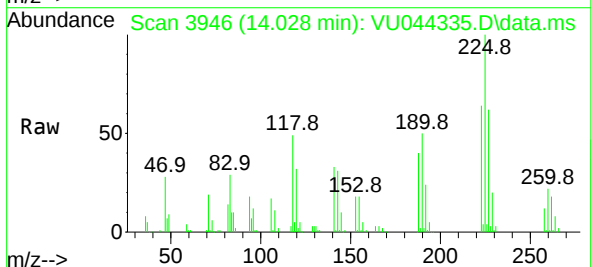
Instrument :  
MSVOA\_U  
ClientSampleId :

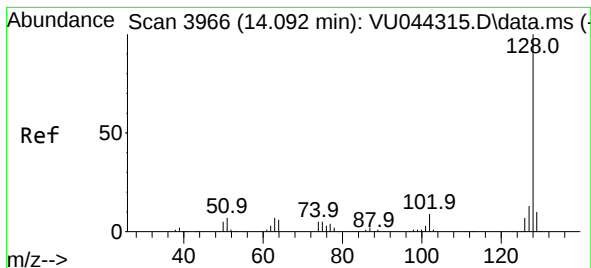
Tgt Ion:180 Resp: 125854  
Ion Ratio Lower Upper  
180 100  
182 95.3 77.0 115.6  
145 31.9 25.8 38.6



#88  
Hexachlorobutadiene  
Concen: 10.144 ug/l  
RT: 14.028 min Scan# 3946  
Delta R.T. -0.000 min  
Lab File: VU044335.D  
Acq: 08 Jul 2021 21:34

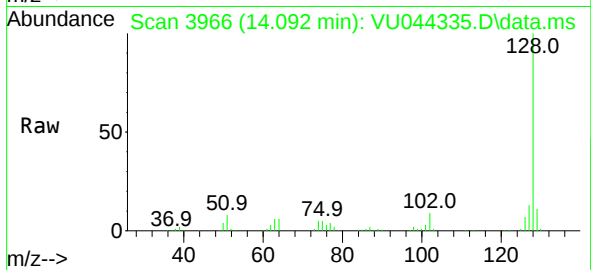
Tgt Ion:225 Resp: 64996  
Ion Ratio Lower Upper  
225 100  
223 64.1 50.9 76.3  
227 62.1 50.8 76.2



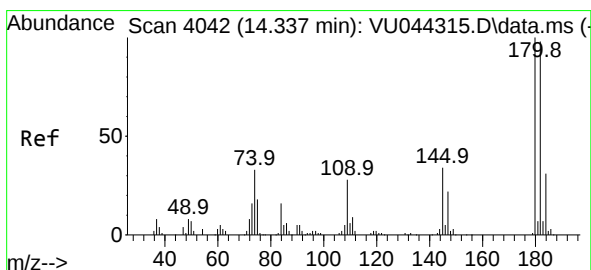
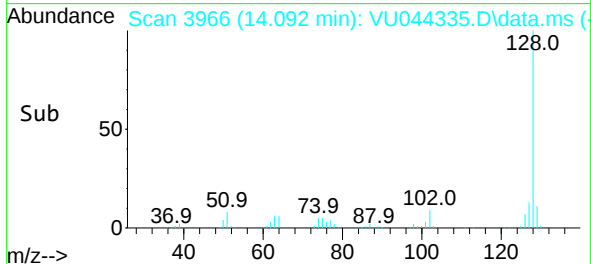
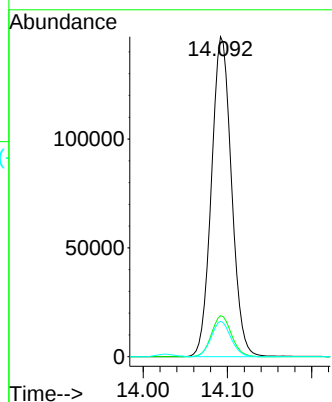


#89  
Naphthalene  
Concen: 10.167 ug/l  
RT: 14.092 min Scan# 3966  
Delta R.T. -0.000 min  
Lab File: VU044335.D  
Acq: 08 Jul 2021 21:34

Instrument :  
MSVOA\_U  
ClientSampleId :



Tgt Ion:128 Resp: 243198  
Ion Ratio Lower Upper  
128 100  
127 12.7 10.4 15.6  
129 10.9 8.6 13.0



#90  
1,2,3-Trichlorobenzene  
Concen: 10.348 ug/l  
RT: 14.336 min Scan# 4042  
Delta R.T. -0.000 min  
Lab File: VU044335.D  
Acq: 08 Jul 2021 21:34

Tgt Ion:180 Resp: 114160  
Ion Ratio Lower Upper  
180 100  
182 95.4 77.1 115.7  
145 33.4 27.0 40.4

