

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU031921\  
 Data File : VU042711.D  
 Acq On : 19 Mar 2021 09:50  
 Operator : SY/MD  
 Sample : VSTDCCC005  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTD00507

Quant Time: Mar 20 05:37:31 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SOMUTR030221WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Tue Mar 16 01:32:07 2021  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc Units | Dev(Min) |
|----------------------------|--------|------|----------|------------|----------|
| -----                      |        |      |          |            |          |
| Internal Standards         |        |      |          |            |          |
| 1) 1,4-Difluorobenzene     | 6.256  | 114  | 99249    | 5.00 ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.427  | 117  | 101191   | 5.00 ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.822 | 152  | 56968    | 5.00 ug/L  | 0.00     |

|                               |        |       |          |            |           |
|-------------------------------|--------|-------|----------|------------|-----------|
| System Monitoring Compounds   |        |       |          |            |           |
| 4) Vinyl Chloride-d3          | 1.604  | 65    | 31697    | 4.79 ug/L  | 0.00      |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery   | = 95.80%  |
| 7) Chloroethane-d5            | 1.916  | 69    | 29374    | 5.86 ug/L  | 0.00      |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery   | = 117.20% |
| 11) 1,1-Dichloroethene-d2     | 2.568  | 63    | 73201    | 4.90 ug/L  | 0.00      |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery   | = 98.00%  |
| 20) 2-Butanone-d5             | 4.649  | 46    | 98266    | 45.23 ug/L | 0.00      |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery   | = 90.46%  |
| 24) Chloroform-d              | 5.073  | 84    | 65711    | 5.02 ug/L  | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery   | = 100.40% |
| 26) 1,2-Dichloroethane-d4     | 5.710  | 65    | 38952    | 4.84 ug/L  | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery   | = 96.80%  |
| 32) Benzene-d6                | 5.736  | 84    | 115096   | 4.64 ug/L  | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery   | = 92.80%  |
| 36) 1,2-Dichloropropane-d6    | 6.700  | 67    | 36933    | 4.61 ug/L  | 0.00      |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery   | = 92.20%  |
| 41) Toluene-d8                | 7.906  | 98    | 113922   | 4.70 ug/L  | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery   | = 94.00%  |
| 43) trans-1,3-Dichloroprop... | 8.189  | 79    | 16880    | 4.51 ug/L  | 0.00      |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery   | = 90.20%  |
| 46) 2-Hexanone-d5             | 8.652  | 63    | 81651    | 45.61 ug/L | 0.00      |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery   | = 91.22%  |
| 57) 1,1,2,2-Tetrachloroeth... | 10.767 | 84    | 34187    | 4.80 ug/L  | 0.00      |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery   | = 96.00%  |
| 64) 1,2-Dichlorobenzene-d4    | 12.201 | 152   | 47043    | 4.56 ug/L  | 0.00      |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery   | = 91.20%  |

|                               |       |     |        |            |        |
|-------------------------------|-------|-----|--------|------------|--------|
| Target Compounds              |       |     |        |            | Qvalue |
| 2) Dichlorodifluoromethane    | 1.388 | 85  | 39116  | 4.23 ug/L  | 98     |
| 3) Chloromethane              | 1.523 | 50  | 35152  | 4.02 ug/L  | 98     |
| 5) Vinyl chloride             | 1.607 | 62  | 37426  | 4.26 ug/L  | 99     |
| 6) Bromomethane               | 1.864 | 94  | 22280  | 4.60 ug/L  | 97     |
| 8) Chloroethane               | 1.938 | 64  | 27751  | 5.29 ug/L  | 97     |
| 9) Trichlorofluoromethane     | 2.134 | 101 | 75053  | 5.24 ug/L  | 100    |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.581 | 101 | 36785  | 4.89 ug/L  | 98     |
| 12) 1,1-Dichloroethene        | 2.578 | 96  | 32021  | 4.58 ug/L  | # 80   |
| 13) Acetone                   | 2.658 | 43  | 76214  | 45.53 ug/L | 96     |
| 14) Carbon disulfide          | 2.794 | 76  | 80906  | 3.63 ug/L  | 100    |
| 15) Methyl Acetate            | 2.964 | 43  | 17484  | 4.20 ug/L  | 99     |
| 16) Methylene chloride        | 3.051 | 84  | 36264  | 4.33 ug/L  | 98     |
| 17) Methyl tert-butyl Ether   | 3.372 | 73  | 91551  | 4.65 ug/L  | 99     |
| 18) trans-1,2-Dichloroethene  | 3.356 | 96  | 31909  | 4.34 ug/L  | 97     |
| 19) 1,1-Dichloroethane        | 3.877 | 63  | 67163  | 4.74 ug/L  | 96     |
| 21) 2-Butanone                | 4.729 | 43  | 141422 | 49.70 ug/L | 93     |
| 22) cis-1,2-Dichloroethene    | 4.674 | 96  | 35994  | 4.58 ug/L  | 100    |
| 23) Bromochloromethane        | 4.983 | 128 | 17622  | 4.71 ug/L  | 97     |
| 25) Chloroform                | 5.099 | 83  | 72015  | 4.83 ug/L  | 98     |
| 27) 1,2-Dichloroethane        | 5.803 | 62  | 52343  | 4.68 ug/L  | 96     |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU031921\  
 Data File : VU042711.D  
 Acq On : 19 Mar 2021 09:50  
 Operator : SY/MD  
 Sample : VSTDCCC005  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTD00507

Quant Time: Mar 20 05:37:31 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SOMUTR030221WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Tue Mar 16 01:32:07 2021  
 Response via : Initial Calibration

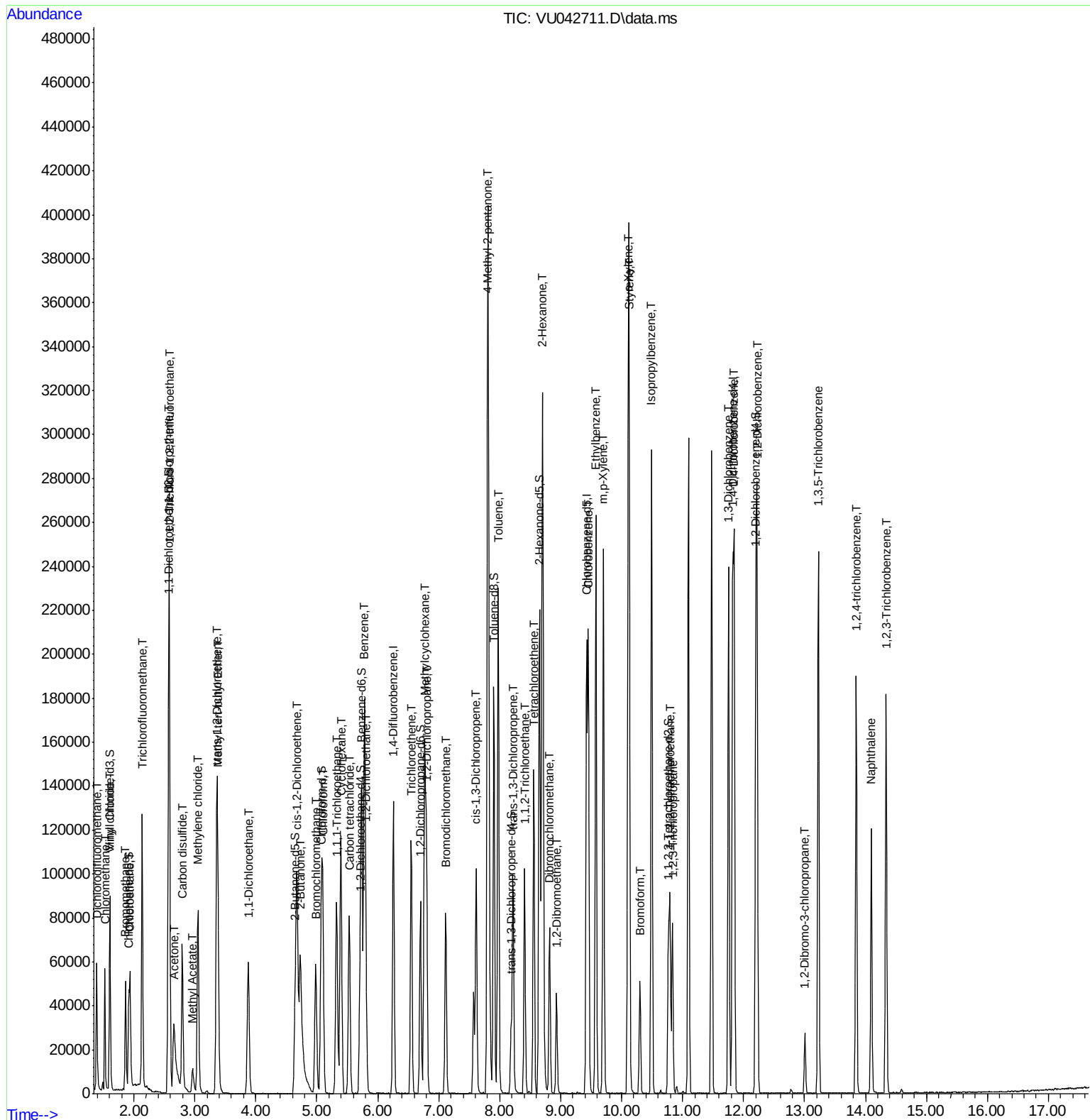
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| 29) 1,1,1-Trichloroethane     | 5.324  | 97   | 62028    | 4.41  | ug/L  | 97       |
| 30) Cyclohexane               | 5.398  | 56   | 53657    | 3.82  | ug/L  | 99       |
| 31) Carbon tetrachloride      | 5.533  | 117  | 53116    | 4.28  | ug/L  | 98       |
| 33) Benzene                   | 5.781  | 78   | 140521   | 4.44  | ug/L  | 100      |
| 34) Trichloroethene           | 6.549  | 95   | 37080    | 4.22  | ug/L  | 97       |
| 35) Methylcyclohexane         | 6.771  | 83   | 54256    | 4.06  | ug/L  | 97       |
| 37) 1,2-Dichloropropane       | 6.800  | 63   | 39360    | 4.60  | ug/L  | 99       |
| 38) Bromodichloromethane      | 7.115  | 83   | 50332    | 4.51  | ug/L  | 97       |
| 39) cis-1,3-Dichloropropene   | 7.613  | 75   | 52817    | 4.24  | ug/L  | 99       |
| 40) 4-Methyl-2-pentanone      | 7.806  | 43   | 349790   | 46.93 | ug/L  | 96       |
| 42) Toluene                   | 7.977  | 91   | 158357   | 4.59  | ug/L  | 94       |
| 44) trans-1,3-Dichloropropene | 8.218  | 75   | 50052    | 4.36  | ug/L  | 99       |
| 45) 1,1,2-Trichloroethane     | 8.407  | 97   | 29233    | 4.64  | ug/L  | 95       |
| 47) Tetrachloroethene         | 8.562  | 164  | 31656    | 4.42  | ug/L  | 96       |
| 48) 2-Hexanone                | 8.703  | 43   | 256546   | 46.66 | ug/L  | 97       |
| 49) Dibromochloromethane      | 8.819  | 129  | 37006    | 4.69  | ug/L  | 96       |
| 50) 1,2-Dibromoethane         | 8.932  | 107  | 29994    | 4.83  | ug/L  | 95       |
| 51) Chlorobenzene             | 9.456  | 112  | 103283   | 4.68  | ug/L  | 97       |
| 52) Ethylbenzene              | 9.578  | 91   | 175820   | 4.52  | ug/L  | 100      |
| 53) m,p-Xylene                | 9.700  | 106  | 67351    | 4.68  | ug/L  | 98       |
| 54) o-Xylene                  | 10.108 | 106  | 64493    | 4.63  | ug/L  | 95       |
| 55) Styrene                   | 10.124 | 104  | 115676   | 4.88  | ug/L  | 97       |
| 56) Isopropylbenzene          | 10.491 | 105  | 177112   | 4.62  | ug/L  | 98       |
| 58) 1,1,2,2-Tetrachloroethane | 10.793 | 83   | 40075    | 4.75  | ug/L  | 98       |
| 59) 1,2,3-Trichloropropane    | 10.835 | 75   | 29877    | 4.65  | ug/L  | 99       |
| 61) Bromoform                 | 10.301 | 173  | 23742    | 4.62  | ug/L  | 98       |
| 62) 1,3-Dichlorobenzene       | 11.755 | 146  | 90981    | 4.63  | ug/L  | 99       |
| 63) 1,4-Dichlorobenzene       | 11.845 | 146  | 91891    | 4.69  | ug/L  | 98       |
| 65) 1,2-Dichlorobenzene       | 12.221 | 146  | 87599    | 4.63  | ug/L  | 99       |
| 66) 1,2-Dibromo-3-chloropr... | 13.005 | 75   | 6262     | 3.94  | ug/L  | 98       |
| 67) 1,3,5-Trichlorobenzene    | 13.227 | 180  | 73625    | 4.32  | ug/L  | 99       |
| 68) 1,2,4-trichlorobenzene    | 13.848 | 180  | 57507    | 4.08  | ug/L  | 100      |
| 69) Naphthalene               | 14.095 | 128  | 90393    | 3.95  | ug/L  | 100      |
| 70) 1,2,3-Trichlorobenzene    | 14.340 | 180  | 52415    | 4.10  | ug/L  | 98       |

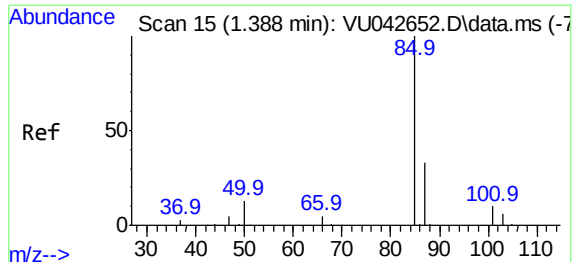
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU031921\  
Data File : VU042711.D  
Acq On : 19 Mar 2021 09:50  
Operator : SY/MD  
Sample : VSTDCCC005  
Misc : 25.0mL/MSVOA\_U/WATER  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTD00507

Quant Time: Mar 20 05:37:31 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SOMUTR030221WMA.M  
Quant Title : TRACE VOA SOM01.0  
QLast Update : Tue Mar 16 01:32:07 2021  
Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 4.23 ug/L

RT: 1.388 min Scan# 15

Delta R.T. 0.000 min

Lab File: VU042711.D

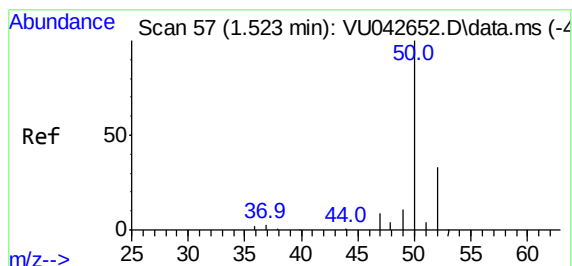
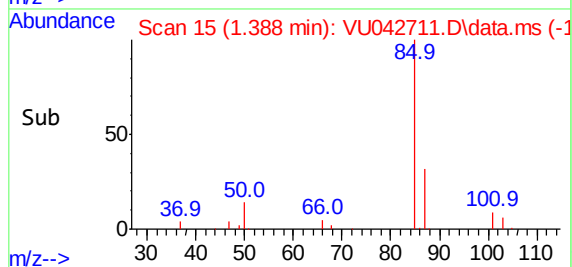
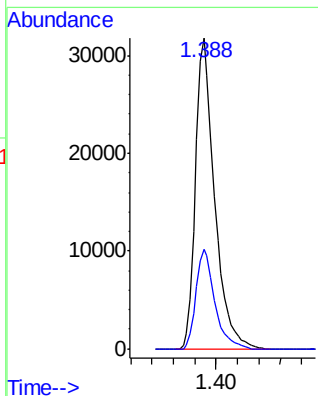
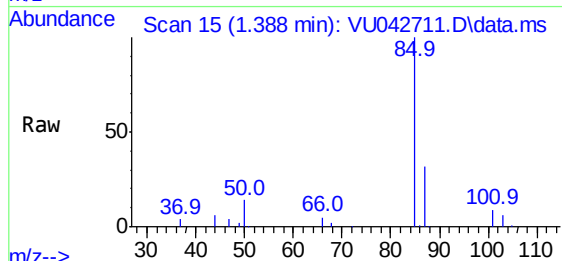
Acq: 19 Mar 2021 09:50

Tgt Ion: 85 Resp: 39116

Ion Ratio Lower Upper

85 100

87 31.5 26.1 39.1



#3

Chloromethane

Concen: 4.02 ug/L

RT: 1.523 min Scan# 57

Delta R.T. 0.000 min

Lab File: VU042711.D

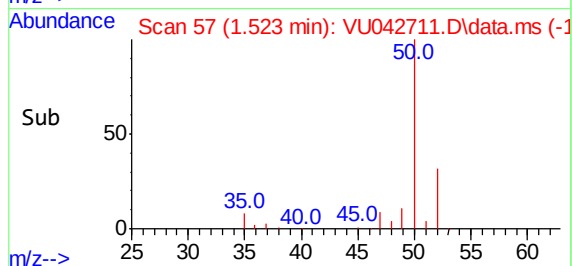
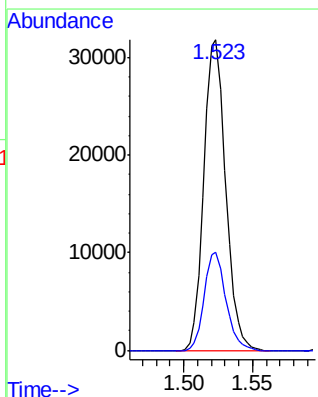
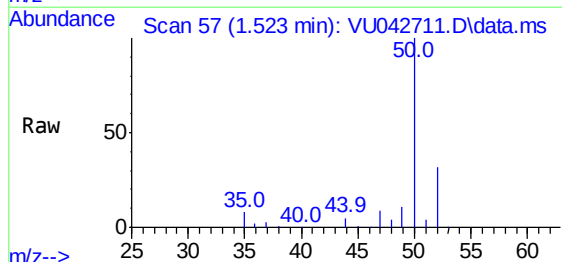
Acq: 19 Mar 2021 09:50

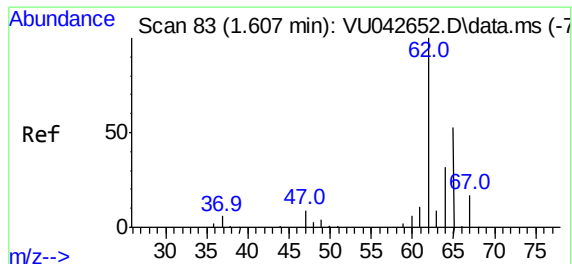
Tgt Ion: 50 Resp: 35152

Ion Ratio Lower Upper

50 100

52 31.7 23.0 42.8

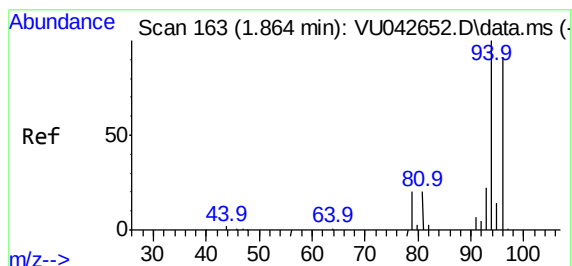
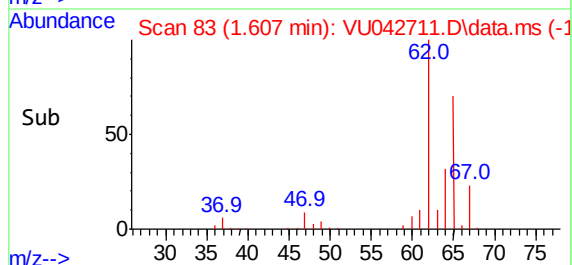
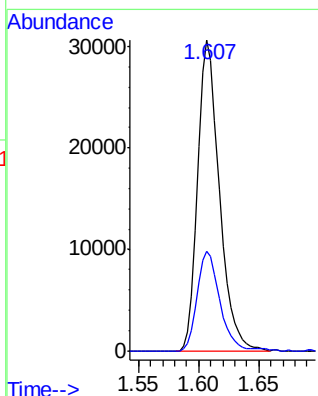
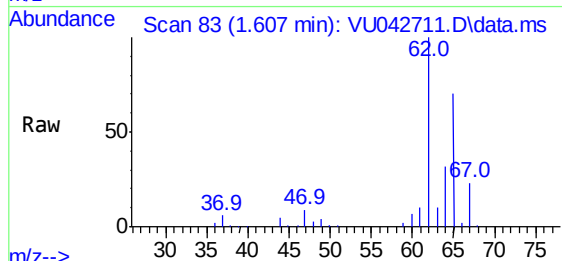




#5  
 Vinyl chloride  
 Concen: 4.26 ug/L  
 RT: 1.607 min Scan# 83  
 Delta R.T. 0.000 min  
 Lab File: VU042711.D  
 Acq: 19 Mar 2021 09:50

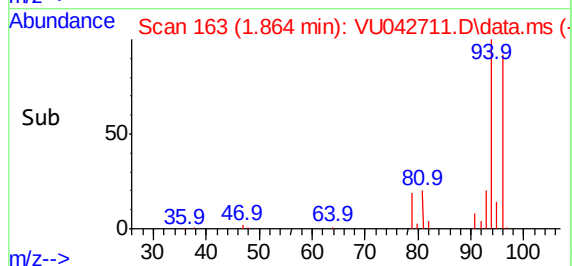
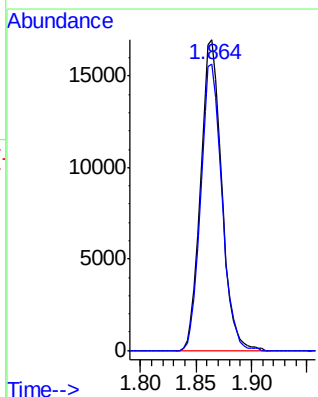
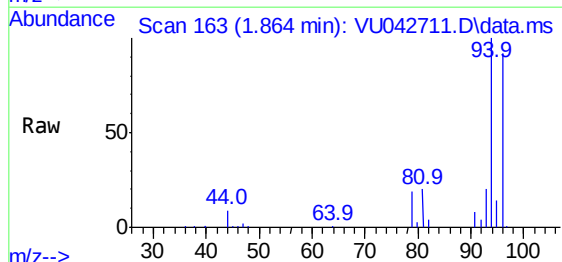
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTD00507

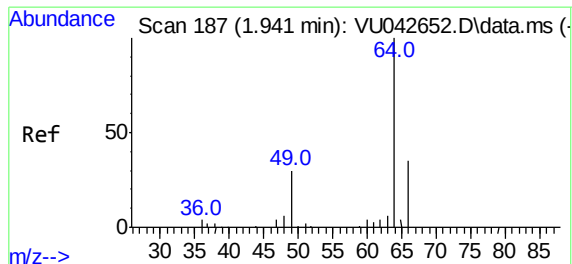
Tgt Ion: 62 Resp: 37426  
 Ion Ratio Lower Upper  
 62 100  
 64 32.1 22.7 42.1



#6  
 Bromomethane  
 Concen: 4.60 ug/L  
 RT: 1.864 min Scan# 163  
 Delta R.T. 0.000 min  
 Lab File: VU042711.D  
 Acq: 19 Mar 2021 09:50

Tgt Ion: 94 Resp: 22280  
 Ion Ratio Lower Upper  
 94 100  
 96 92.2 66.5 123.5

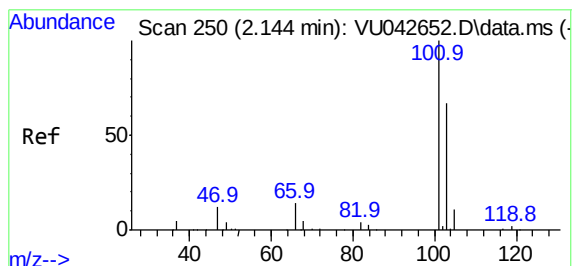
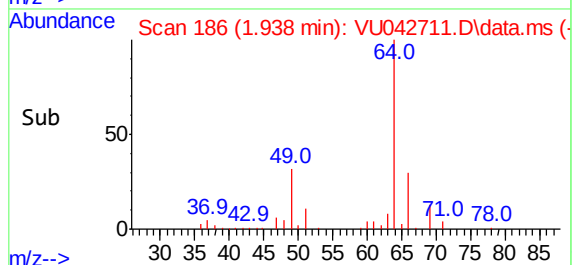
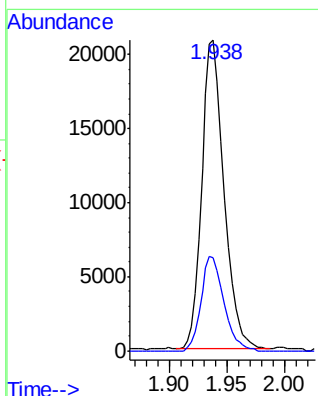
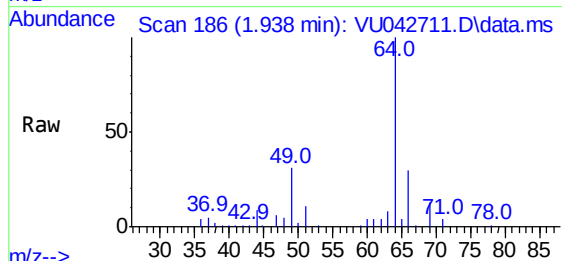




#8  
Chloroethane  
Concen: 5.29 ug/L  
RT: 1.938 min Scan# 186  
Delta R.T. -0.003 min  
Lab File: VU042711.D  
Acq: 19 Mar 2021 09:50

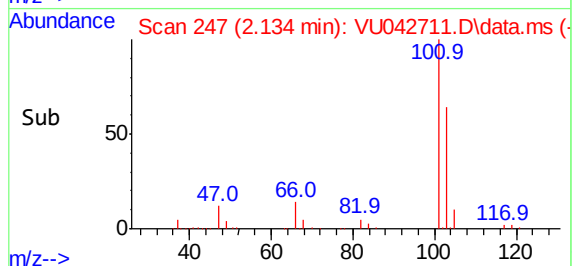
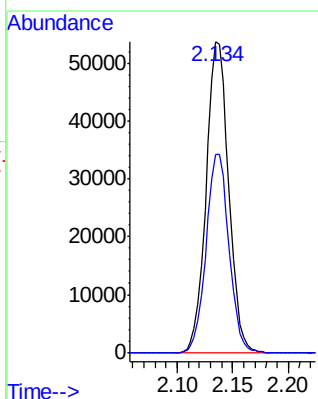
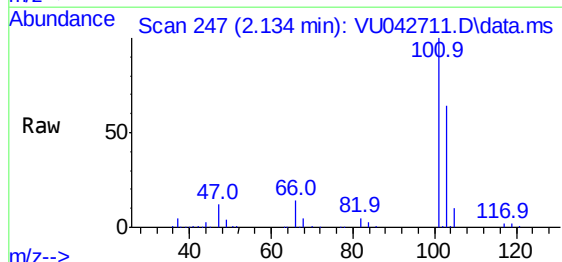
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTD00507

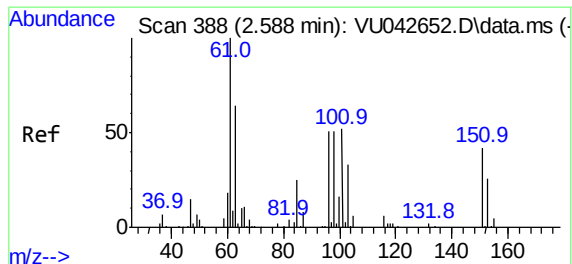
Tgt Ion: 64 Resp: 27751  
Ion Ratio Lower Upper  
64 100  
66 29.8 22.2 41.2



#9  
Trichlorofluoromethane  
Concen: 5.24 ug/L  
RT: 2.134 min Scan# 247  
Delta R.T. -0.010 min  
Lab File: VU042711.D  
Acq: 19 Mar 2021 09:50

Tgt Ion: 101 Resp: 75053  
Ion Ratio Lower Upper  
101 100  
103 64.9 51.8 77.8

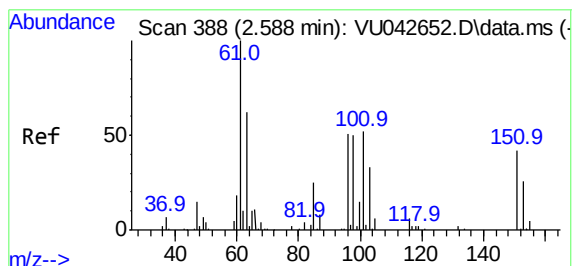
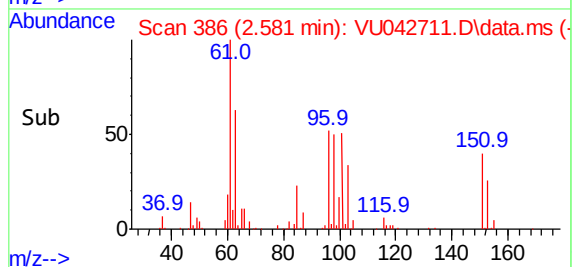
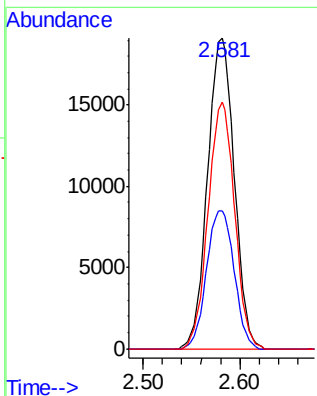
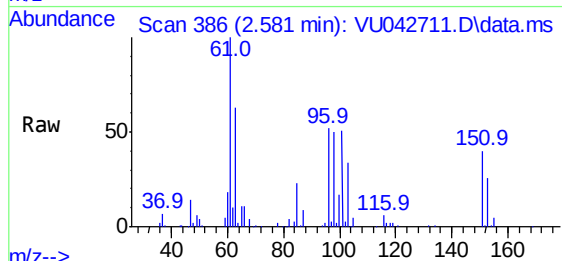




#10  
 1,1,2-Trichloro-1,2,2-trifluoroethane  
 Concen: 4.89 ug/L  
 RT: 2.581 min Scan# 386  
 Delta R.T. -0.006 min  
 Lab File: VU042711.D  
 Acq: 19 Mar 2021 09:50

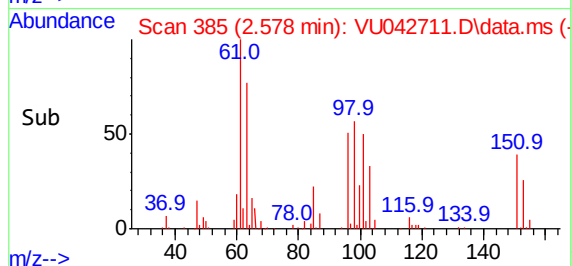
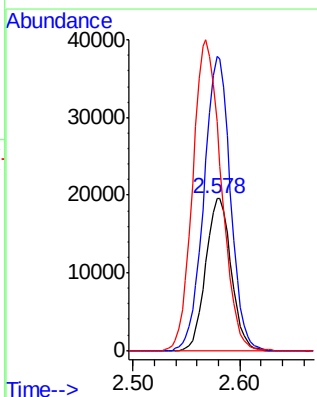
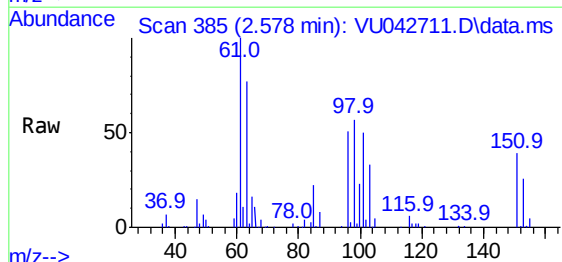
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTD00507

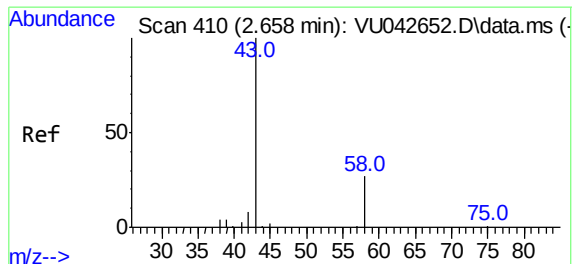
Tgt Ion:101 Resp: 36785  
 Ion Ratio Lower Upper  
 101 100  
 85 45.8 34.6 51.8  
 151 78.7 62.7 94.1



#12  
 1,1-Dichloroethene  
 Concen: 4.58 ug/L  
 RT: 2.578 min Scan# 385  
 Delta R.T. -0.010 min  
 Lab File: VU042711.D  
 Acq: 19 Mar 2021 09:50

Tgt Ion: 96 Resp: 32021  
 Ion Ratio Lower Upper  
 96 100  
 61 194.3 126.2 234.4  
 63 150.5 77.8 144.4#

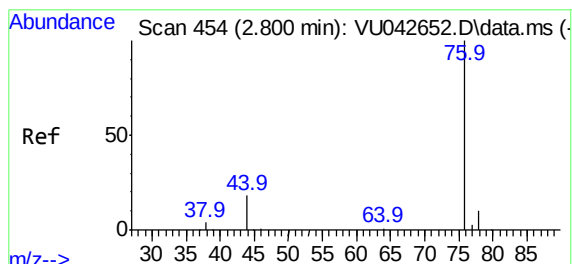
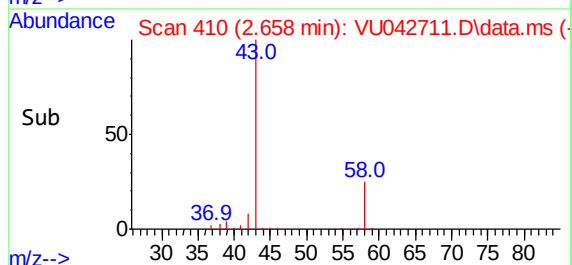
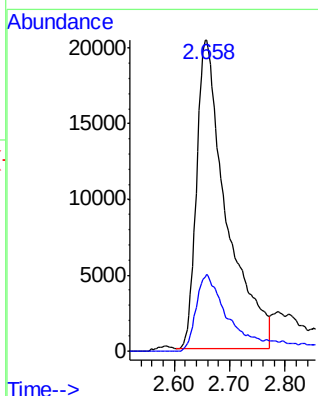
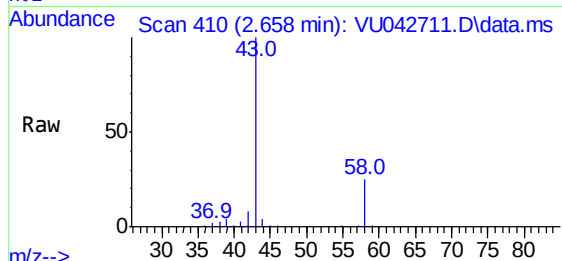




#13  
Acetone  
Concen: 45.53 ug/L  
RT: 2.658 min Scan# 410  
Delta R.T. 0.000 min  
Lab File: VU042711.D  
Acq: 19 Mar 2021 09:50

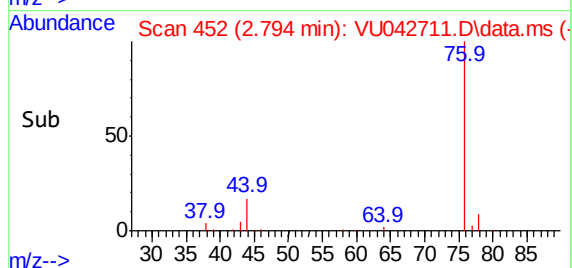
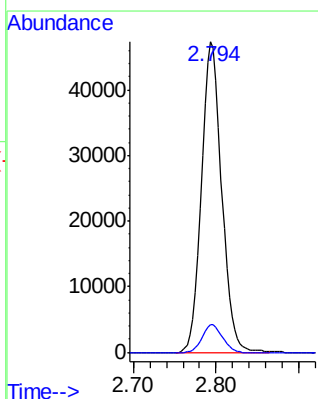
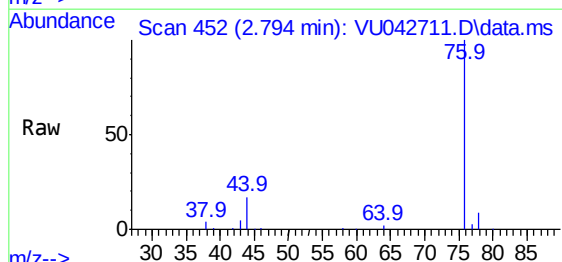
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTD00507

Tgt Ion: 43 Resp: 76214  
Ion Ratio Lower Upper  
43 100  
58 25.7 0.0 55.8

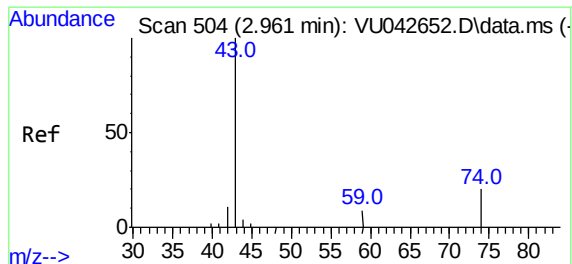


#14  
Carbon disulfide  
Concen: 3.63 ug/L  
RT: 2.794 min Scan# 452  
Delta R.T. -0.006 min  
Lab File: VU042711.D  
Acq: 19 Mar 2021 09:50

Tgt Ion: 76 Resp: 80906  
Ion Ratio Lower Upper  
76 100  
78 9.1 7.3 10.9



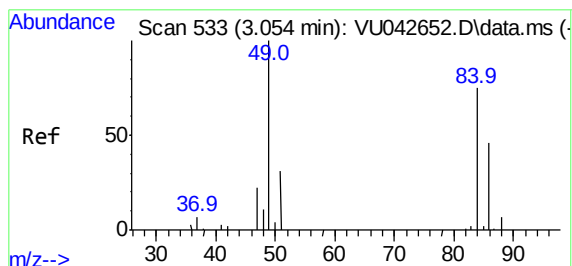
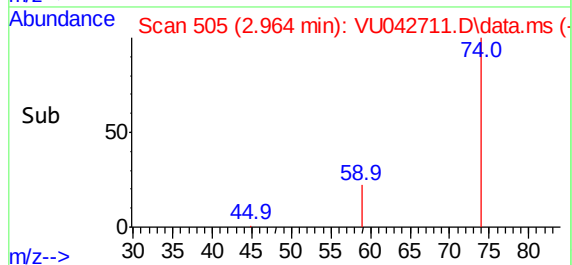
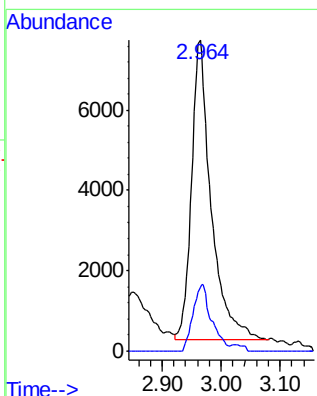
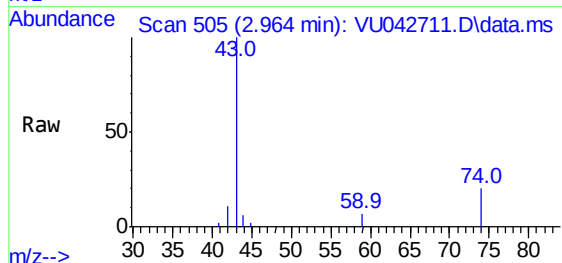




#15  
Methyl Acetate  
Concen: 4.20 ug/L  
RT: 2.964 min Scan# 505  
Delta R.T. 0.003 min  
Lab File: VU042711.D  
Acq: 19 Mar 2021 09:50

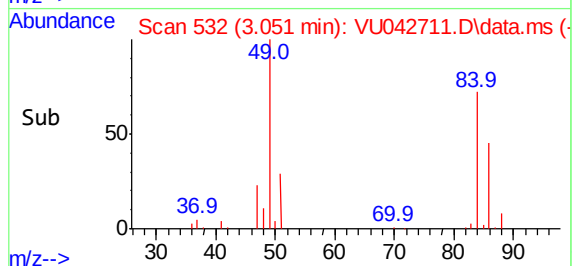
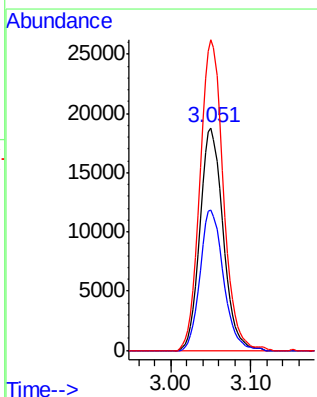
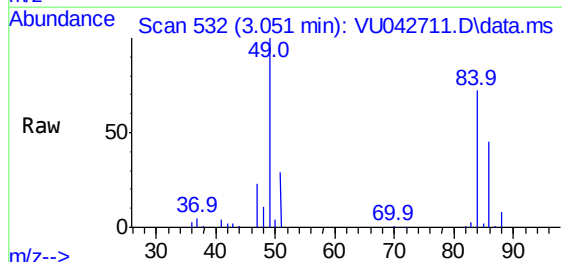
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTD00507

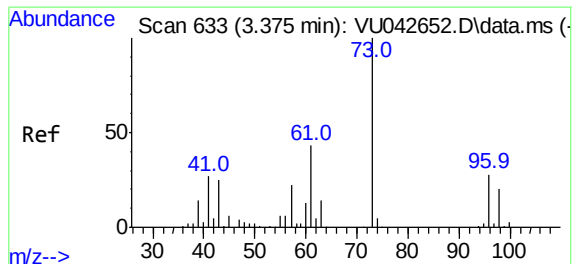
Tgt Ion: 43 Resp: 17484  
Ion Ratio Lower Upper  
43 100  
74 20.7 16.9 25.3



#16  
Methylene chloride  
Concen: 4.33 ug/L  
RT: 3.051 min Scan# 532  
Delta R.T. -0.003 min  
Lab File: VU042711.D  
Acq: 19 Mar 2021 09:50

Tgt Ion: 84 Resp: 36264  
Ion Ratio Lower Upper  
84 100  
86 63.2 44.1 81.9  
49 139.4 95.0 176.4

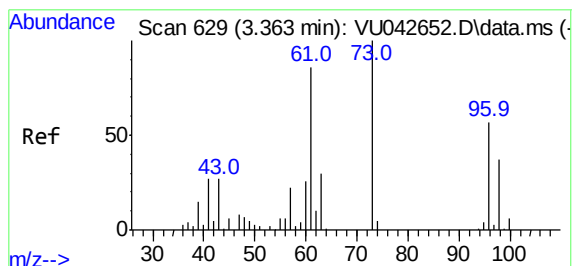
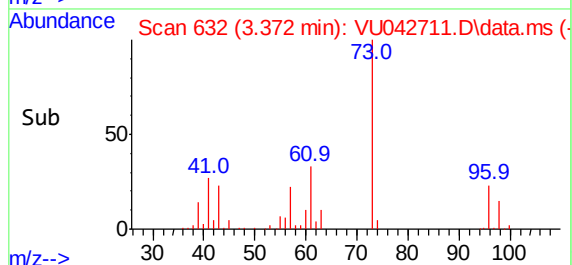
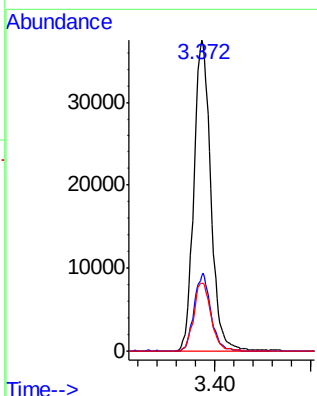
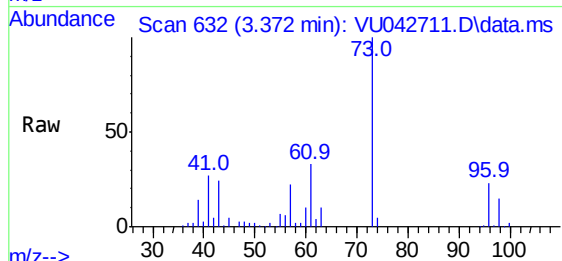




#17  
Methyl tert-butyl Ether  
Concen: 4.65 ug/L  
RT: 3.372 min Scan# 632  
Delta R.T. -0.003 min  
Lab File: VU042711.D  
Acq: 19 Mar 2021 09:50

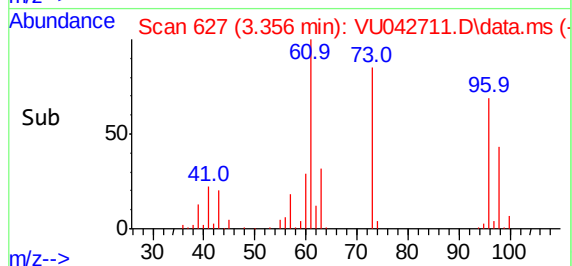
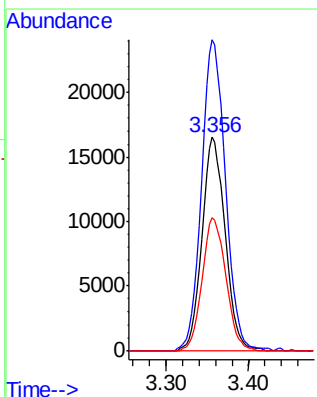
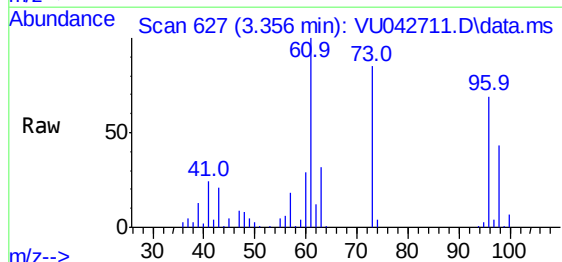
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTD00507

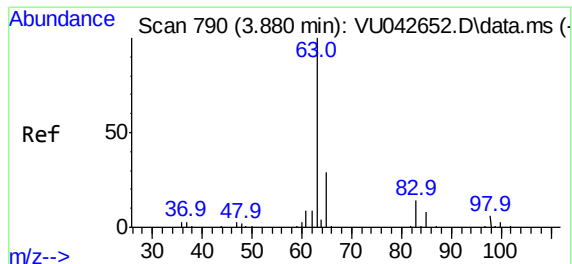
Tgt Ion: 73 Resp: 91551  
Ion Ratio Lower Upper  
73 100  
43 24.5 18.9 28.3  
57 22.2 18.2 27.4



#18  
trans-1,2-Dichloroethene  
Concen: 4.34 ug/L  
RT: 3.356 min Scan# 627  
Delta R.T. -0.006 min  
Lab File: VU042711.D  
Acq: 19 Mar 2021 09:50

Tgt Ion: 96 Resp: 31909  
Ion Ratio Lower Upper  
96 100  
61 145.6 105.7 196.3  
98 62.5 42.8 79.6

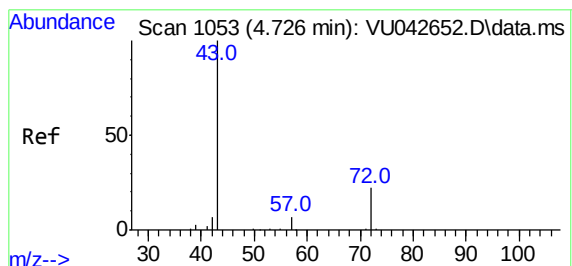
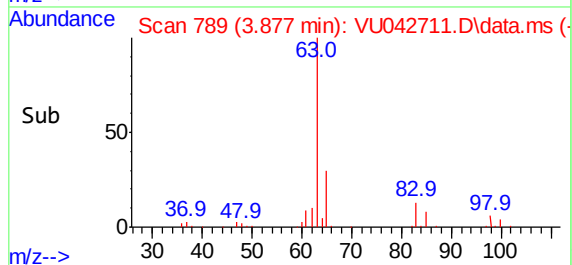
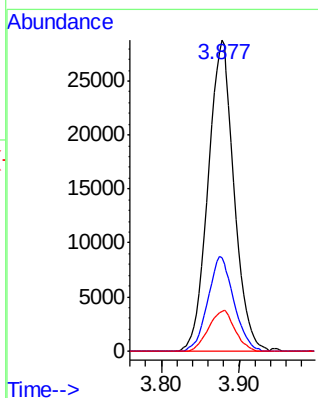
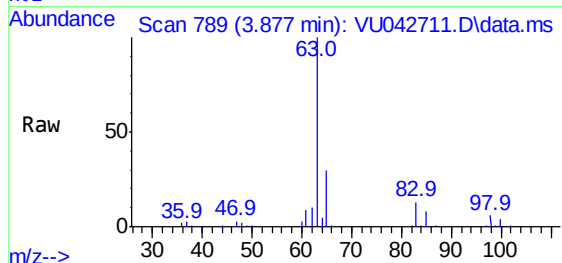




#19  
1,1-Dichloroethane  
Concen: 4.74 ug/L  
RT: 3.877 min Scan# 789  
Delta R.T. -0.003 min  
Lab File: VU042711.D  
Acq: 19 Mar 2021 09:50

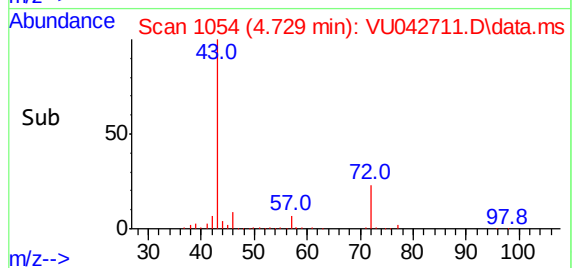
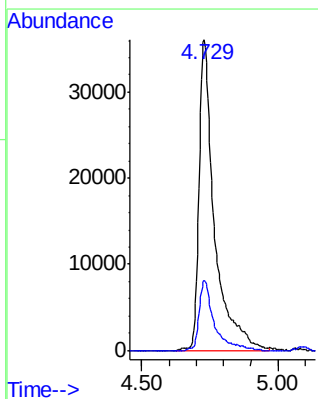
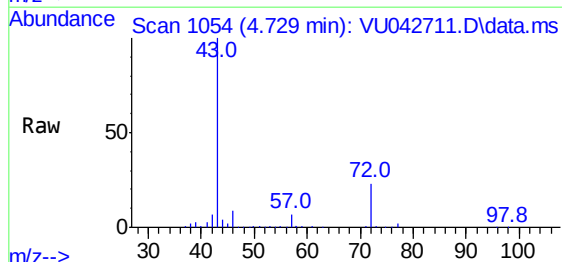
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTD00507

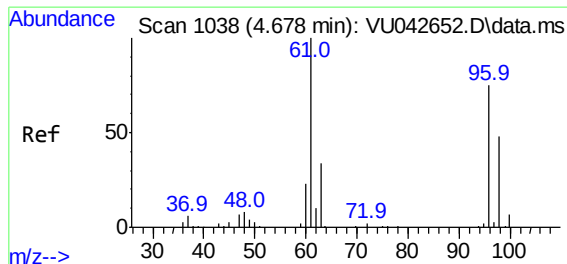
Tgt Ion: 63 Resp: 67163  
Ion Ratio Lower Upper  
63 100  
65 29.8 22.5 41.9  
83 12.7 10.1 18.7



#21  
2-Butanone  
Concen: 49.70 ug/L  
RT: 4.729 min Scan# 1054  
Delta R.T. 0.003 min  
Lab File: VU042711.D  
Acq: 19 Mar 2021 09:50

Tgt Ion: 43 Resp: 141422  
Ion Ratio Lower Upper  
43 100  
72 20.0 11.7 35.1

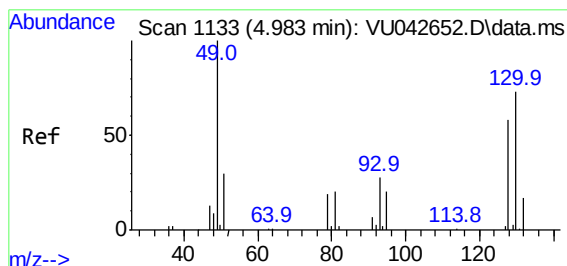
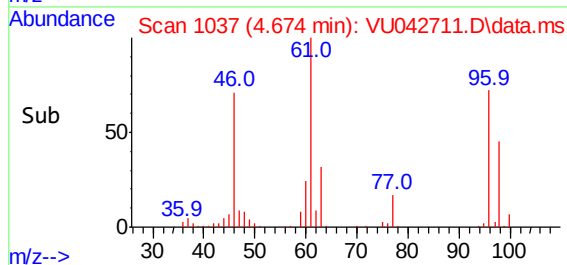
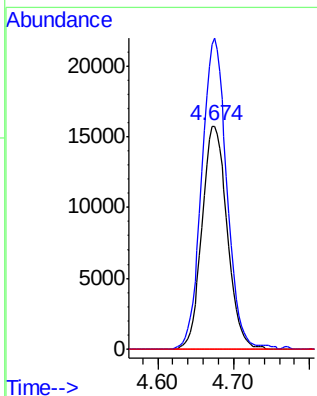
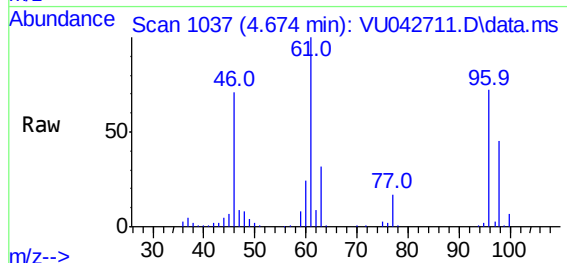




#22  
cis-1,2-Dichloroethene  
Concen: 4.58 ug/L  
RT: 4.674 min Scan# 1037  
Delta R.T. -0.003 min  
Lab File: VU042711.D  
Acq: 19 Mar 2021 09:50

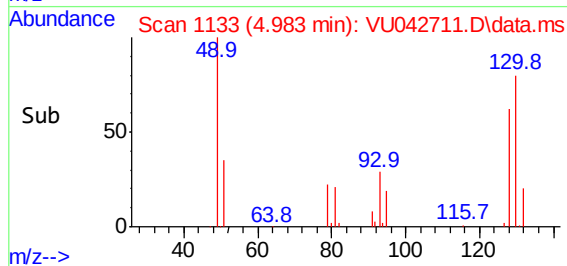
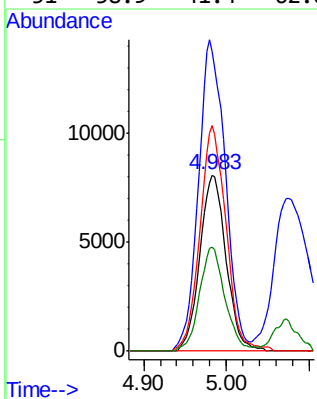
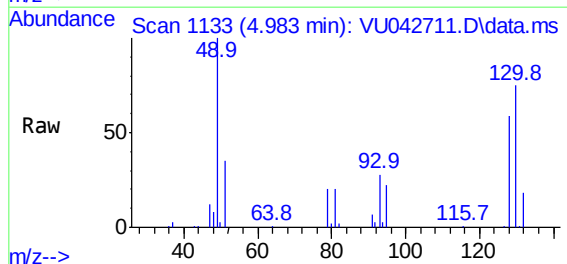
Instrument :  
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ClientSampleId :  
VSTD00507

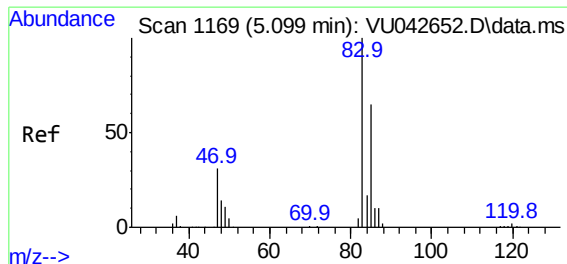
Tgt Ion: 96 Resp: 35994  
Ion Ratio Lower Upper  
96 100  
61 139.4 97.8 181.6  
68 0.0 0.0 0.0



#23  
Bromochloromethane  
Concen: 4.71 ug/L  
RT: 4.983 min Scan# 1133  
Delta R.T. 0.000 min  
Lab File: VU042711.D  
Acq: 19 Mar 2021 09:50

Tgt Ion: 128 Resp: 17622  
Ion Ratio Lower Upper  
128 100  
49 170.8 117.7 218.7  
130 128.4 87.9 163.3  
51 58.9 41.4 62.0

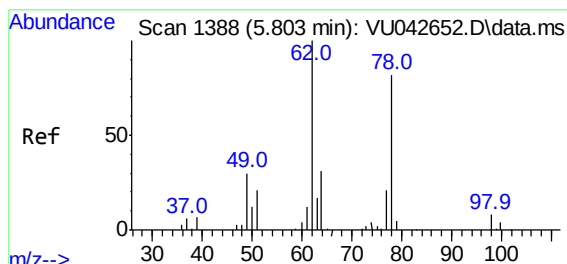
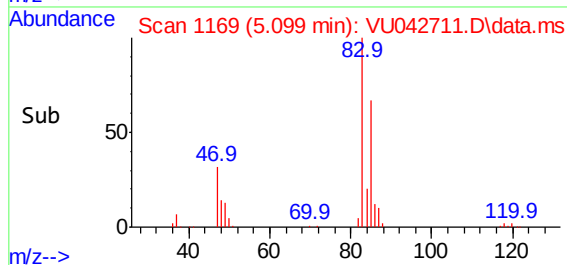
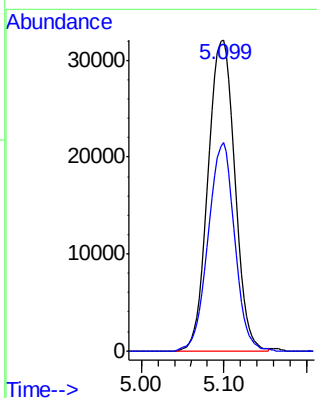
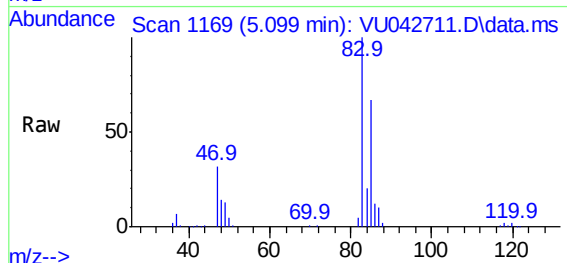




#25  
Chloroform  
Concen: 4.83 ug/L  
RT: 5.099 min Scan# 1169  
Delta R.T. 0.000 min  
Lab File: VU042711.D  
Acq: 19 Mar 2021 09:50

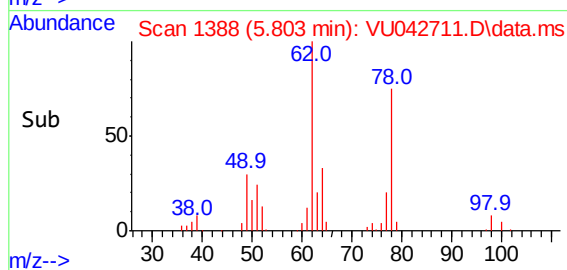
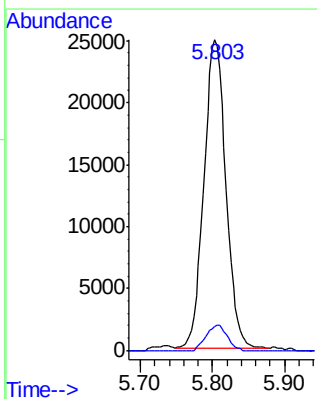
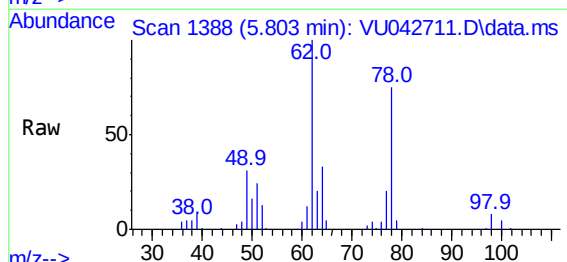
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTD00507

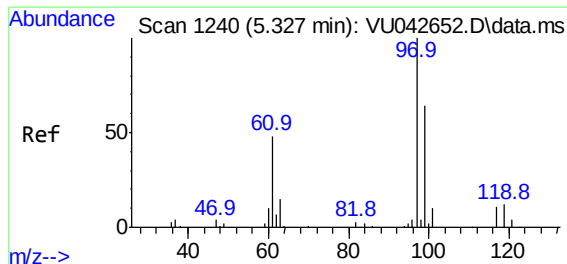
Tgt Ion: 83 Resp: 72015  
Ion Ratio Lower Upper  
83 100  
85 67.1 45.7 84.9



#27  
1,2-Dichloroethane  
Concen: 4.68 ug/L  
RT: 5.803 min Scan# 1388  
Delta R.T. 0.000 min  
Lab File: VU042711.D  
Acq: 19 Mar 2021 09:50

Tgt Ion: 62 Resp: 52343  
Ion Ratio Lower Upper  
62 100  
98 7.8 7.3 10.9



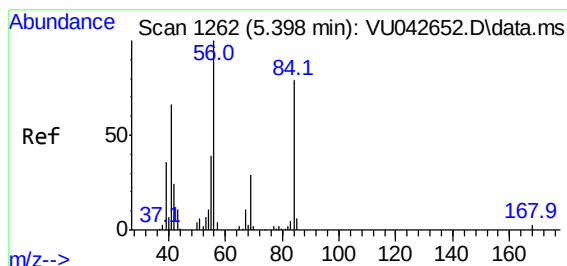
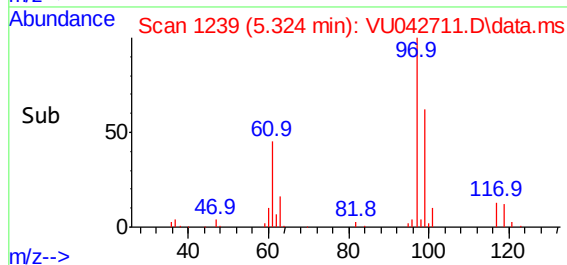
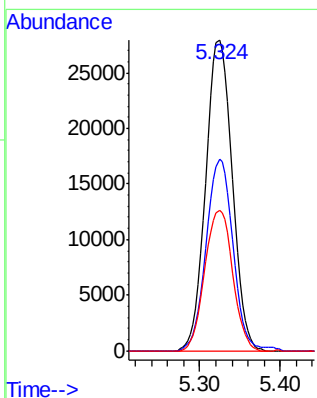
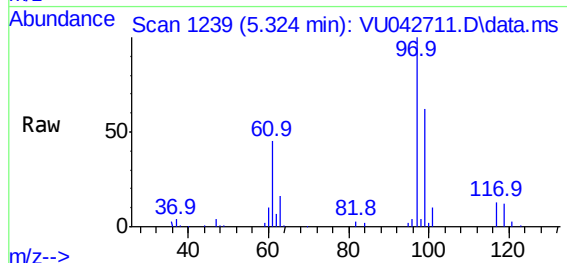


#29  
1,1,1-Trichloroethane  
Concen: 4.41 ug/L  
RT: 5.324 min Scan# 1239  
Delta R.T. -0.003 min  
Lab File: VU042711.D  
Acq: 19 Mar 2021 09:50

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTD00507

Tgt Ion: 97 Resp: 62028

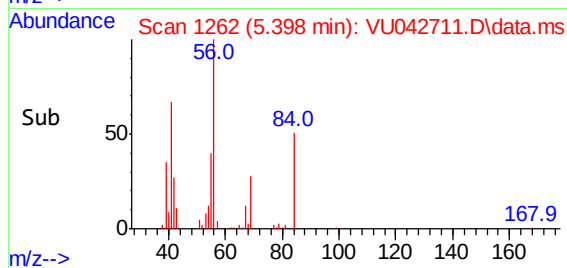
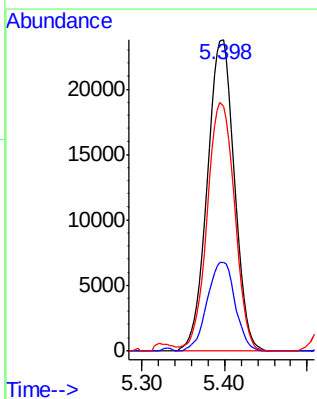
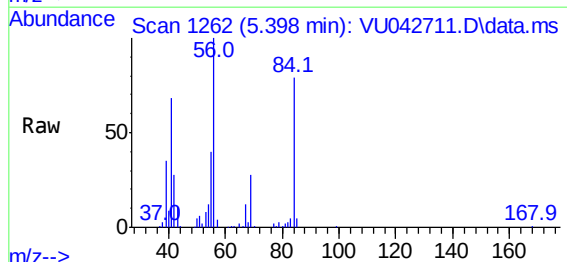
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 99  | 62.6  | 50.8  | 76.2  |
| 61  | 47.7  | 35.8  | 53.6  |

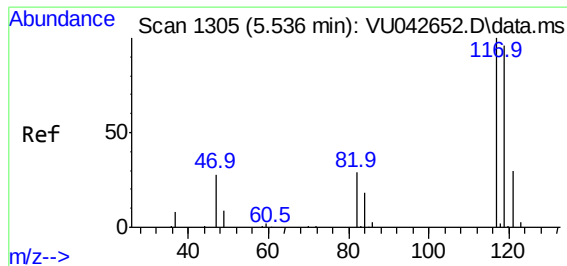


#30  
Cyclohexane  
Concen: 3.82 ug/L  
RT: 5.398 min Scan# 1262  
Delta R.T. 0.000 min  
Lab File: VU042711.D  
Acq: 19 Mar 2021 09:50

Tgt Ion: 56 Resp: 53657

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 56  | 100   |       |       |
| 69  | 29.0  | 23.7  | 35.5  |
| 84  | 81.1  | 65.3  | 97.9  |

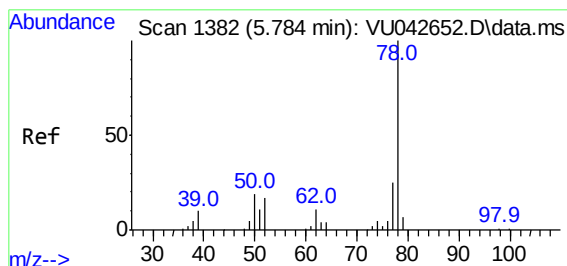
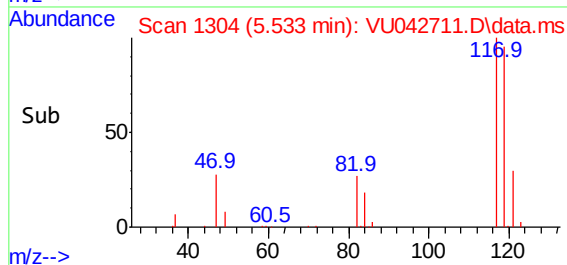
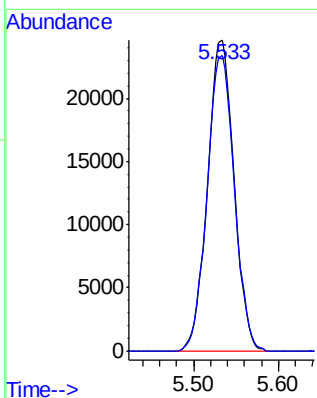
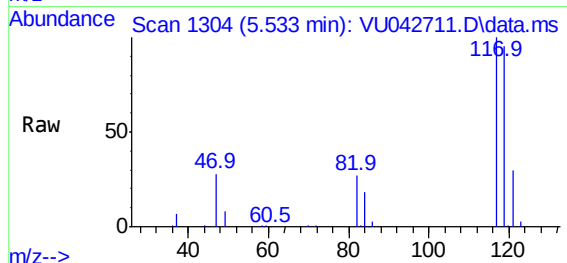




#31  
Carbon tetrachloride  
Concen: 4.28 ug/L  
RT: 5.533 min Scan# 1304  
Delta R.T. -0.003 min  
Lab File: VU042711.D  
Acq: 19 Mar 2021 09:50

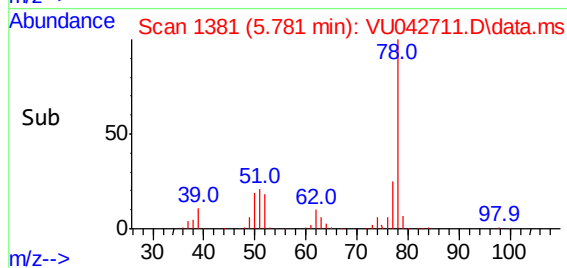
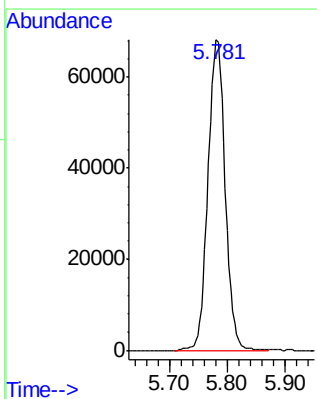
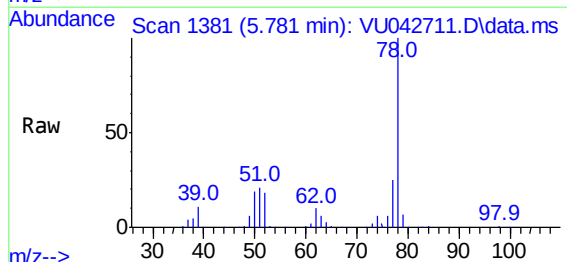
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTD00507

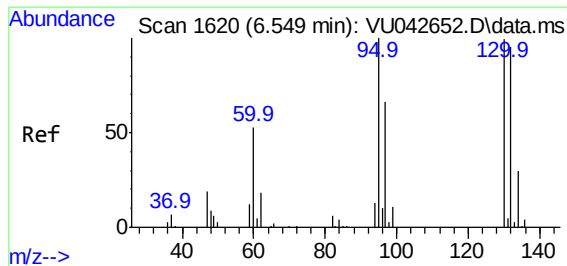
Tgt Ion:117 Resp: 53116  
Ion Ratio Lower Upper  
117 100  
119 97.7 76.2 114.4



#33  
Benzene  
Concen: 4.44 ug/L  
RT: 5.781 min Scan# 1381  
Delta R.T. -0.003 min  
Lab File: VU042711.D  
Acq: 19 Mar 2021 09:50

Tgt Ion: 78 Resp: 140521

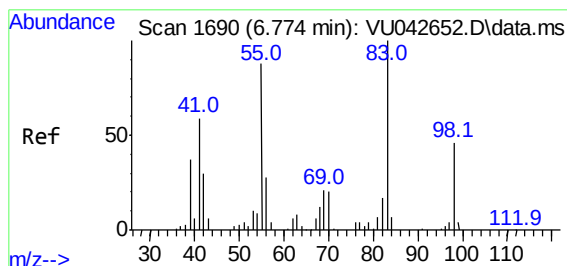
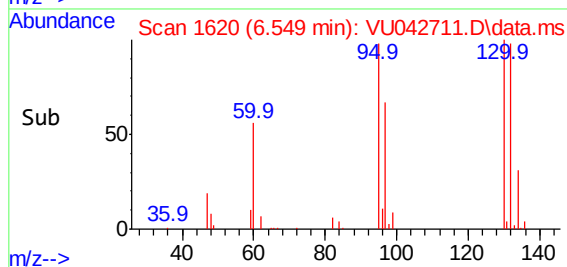
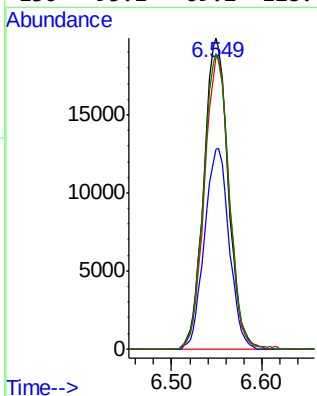
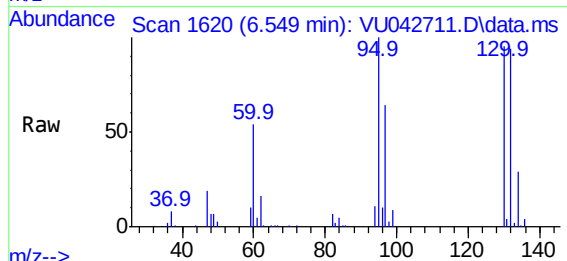




#34  
Trichloroethene  
Concen: 4.22 ug/L  
RT: 6.549 min Scan# 1620  
Delta R.T. 0.000 min  
Lab File: VU042711.D  
Acq: 19 Mar 2021 09:50

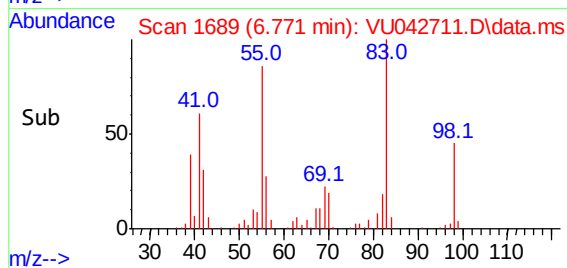
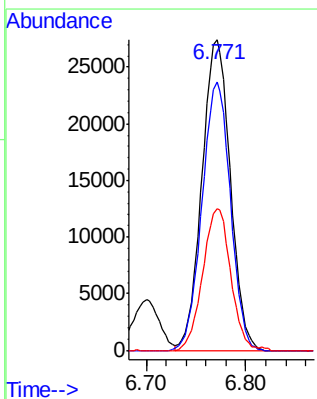
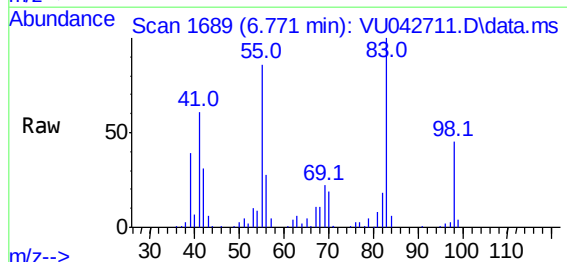
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTD00507

Tgt Ion: 95 Resp: 37080  
Ion Ratio Lower Upper  
95 100  
97 64.1 44.4 82.4  
132 93.7 68.0 126.4  
130 95.1 69.2 128.4

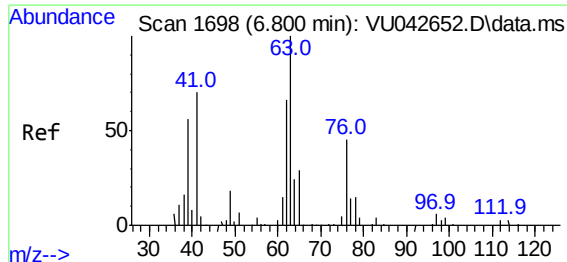


#35  
Methylcyclohexane  
Concen: 4.06 ug/L  
RT: 6.771 min Scan# 1689  
Delta R.T. -0.003 min  
Lab File: VU042711.D  
Acq: 19 Mar 2021 09:50

Tgt Ion: 83 Resp: 54256  
Ion Ratio Lower Upper  
83 100  
55 86.4 68.2 102.4  
98 44.8 39.7 59.5



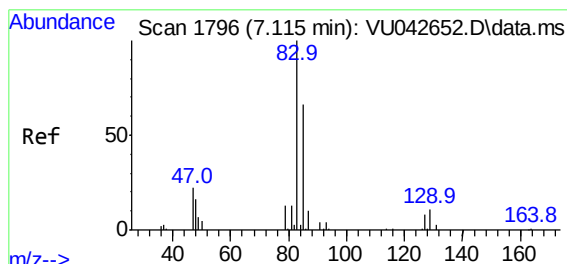
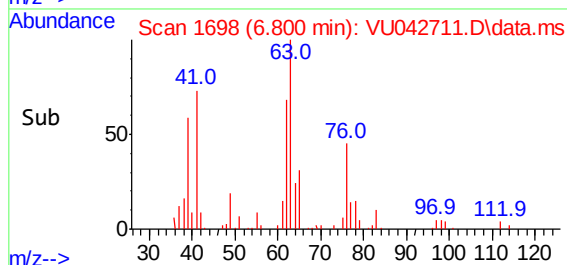
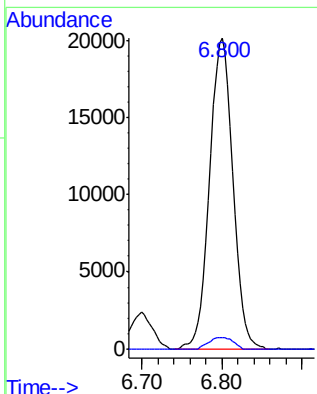
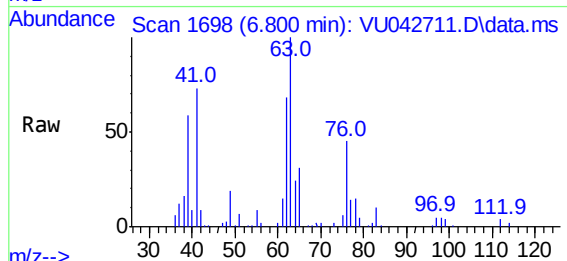




#37  
1,2-Dichloropropane  
Concen: 4.60 ug/L  
RT: 6.800 min Scan# 1698  
Delta R.T. 0.000 min  
Lab File: VU042711.D  
Acq: 19 Mar 2021 09:50

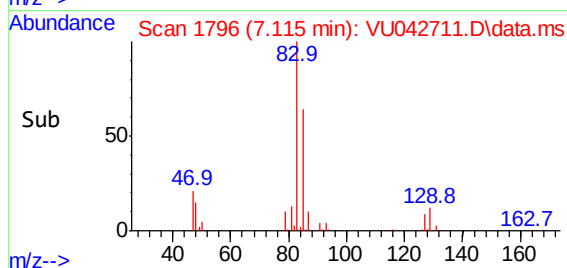
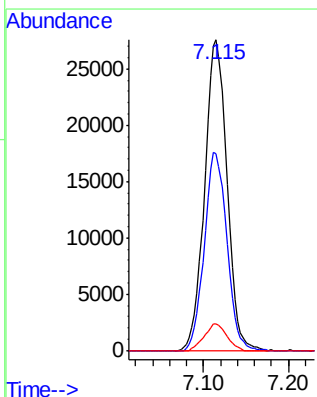
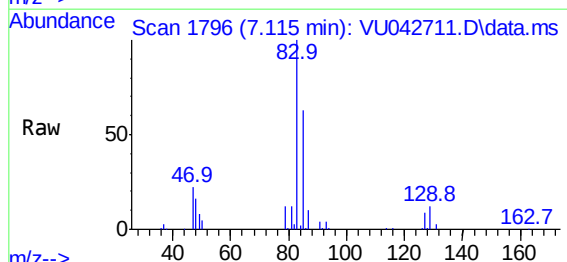
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTD00507

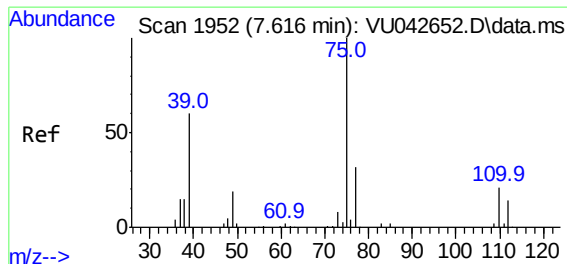
Tgt Ion: 63 Resp: 39360  
Ion Ratio Lower Upper  
63 100  
112 3.7 3.4 5.0



#38  
Bromodichloromethane  
Concen: 4.51 ug/L  
RT: 7.115 min Scan# 1796  
Delta R.T. 0.000 min  
Lab File: VU042711.D  
Acq: 19 Mar 2021 09:50

Tgt Ion: 83 Resp: 50332  
Ion Ratio Lower Upper  
83 100  
85 63.5 46.0 85.4  
127 8.6 6.8 10.2

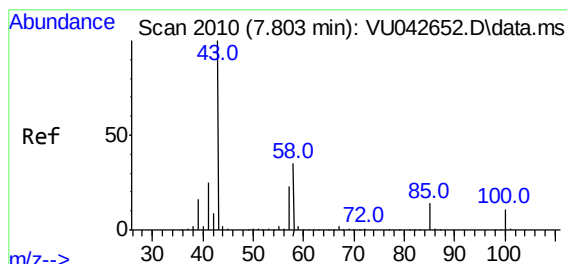
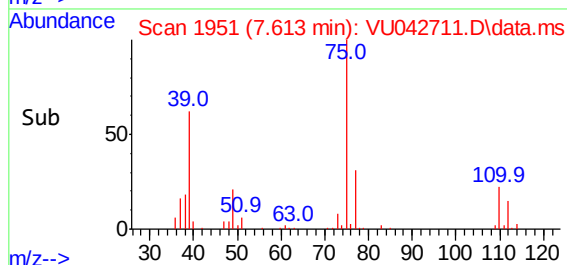
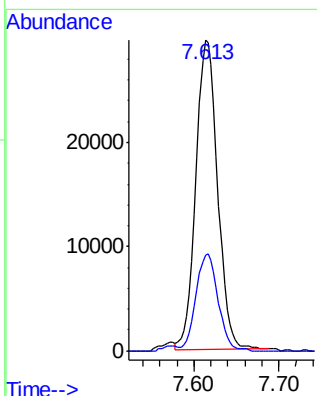
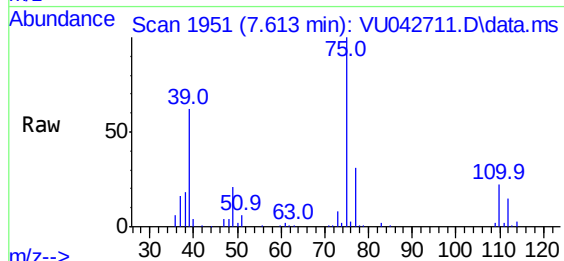




#39  
cis-1,3-Dichloropropene  
Concen: 4.24 ug/L  
RT: 7.613 min Scan# 1951  
Delta R.T. -0.003 min  
Lab File: VU042711.D  
Acq: 19 Mar 2021 09:50

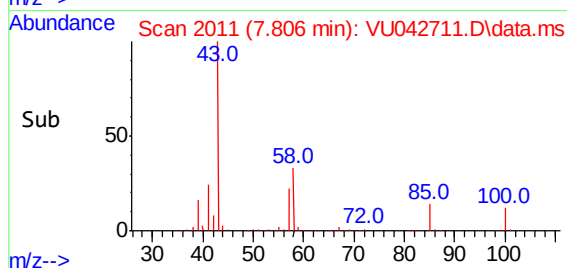
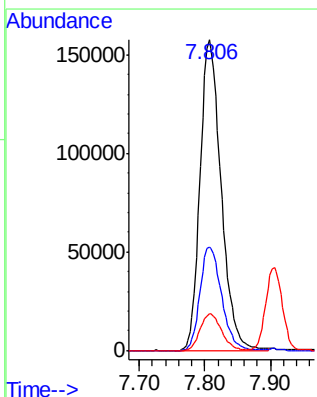
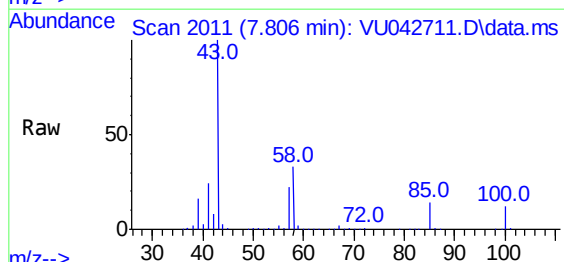
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTD00507

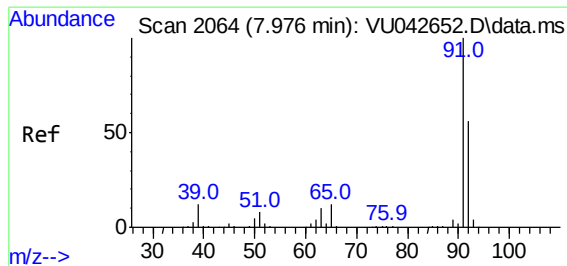
Tgt Ion: 75 Resp: 52817  
Ion Ratio Lower Upper  
75 100  
77 31.0 22.0 40.8



#40  
4-Methyl-2-pentanone  
Concen: 46.93 ug/L  
RT: 7.806 min Scan# 2011  
Delta R.T. 0.003 min  
Lab File: VU042711.D  
Acq: 19 Mar 2021 09:50

Tgt Ion: 43 Resp: 349790  
Ion Ratio Lower Upper  
43 100  
58 34.1 29.1 43.7  
100 12.0 11.0 16.4

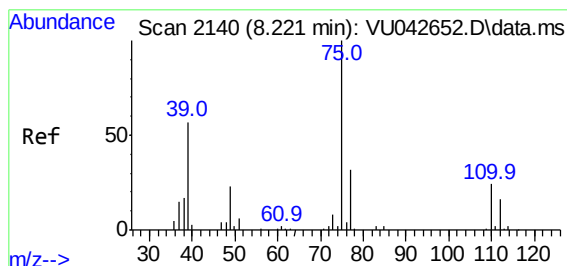
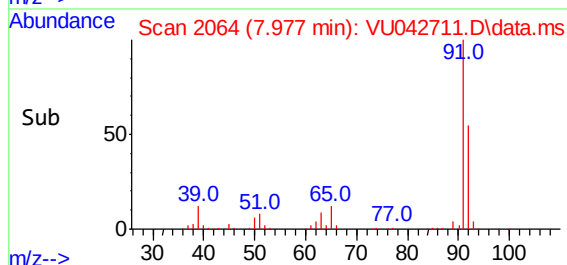
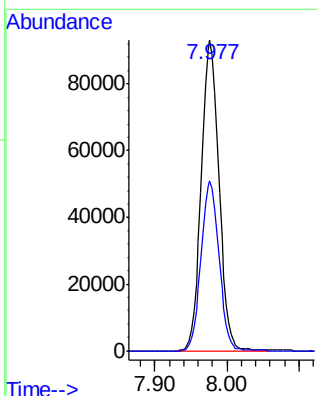
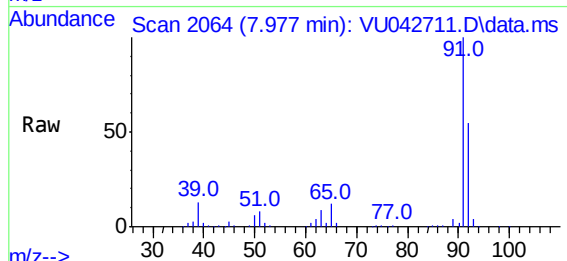




#42  
Toluene  
Concen: 4.59 ug/L  
RT: 7.977 min Scan# 2064  
Delta R.T. 0.000 min  
Lab File: VU042711.D  
Acq: 19 Mar 2021 09:50

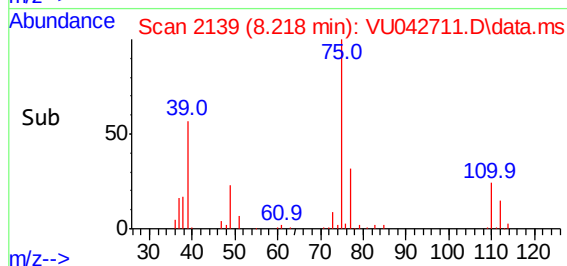
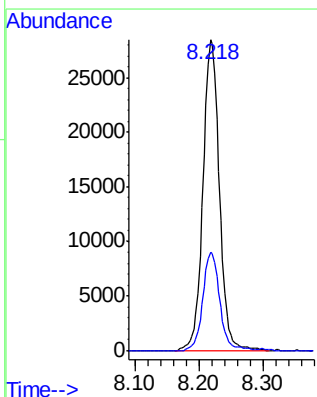
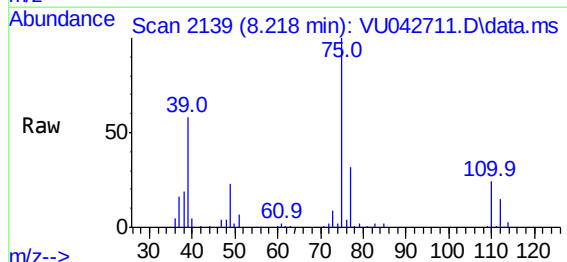
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTD00507

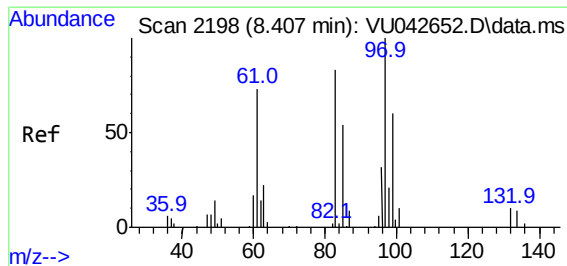
Tgt Ion: 91 Resp: 158357  
Ion Ratio Lower Upper  
91 100  
92 54.8 41.2 76.6



#44  
trans-1,3-Dichloropropene  
Concen: 4.36 ug/L  
RT: 8.218 min Scan# 2139  
Delta R.T. -0.003 min  
Lab File: VU042711.D  
Acq: 19 Mar 2021 09:50

Tgt Ion: 75 Resp: 50052  
Ion Ratio Lower Upper  
75 100  
77 31.5 21.8 40.4



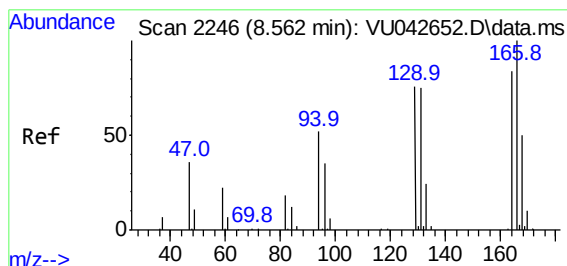
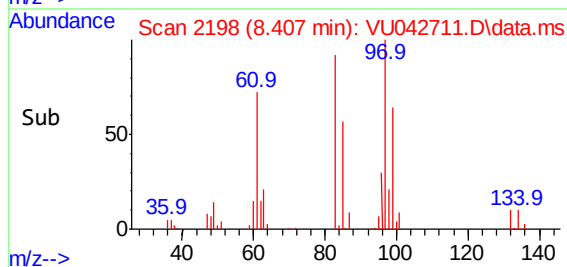
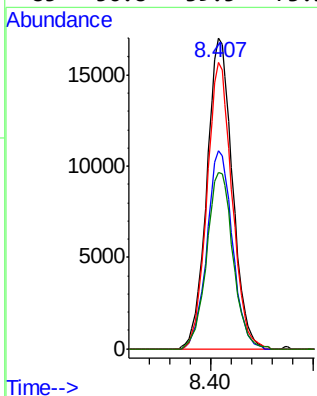
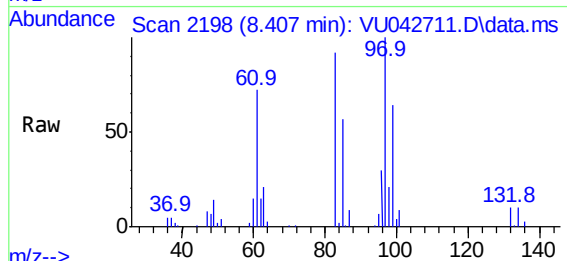


#45  
1,1,2-Trichloroethane  
Concen: 4.64 ug/L  
RT: 8.407 min Scan# 2198  
Delta R.T. 0.000 min  
Lab File: VU042711.D  
Acq: 19 Mar 2021 09:50

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTD00507

Tgt Ion: 97 Resp: 29233

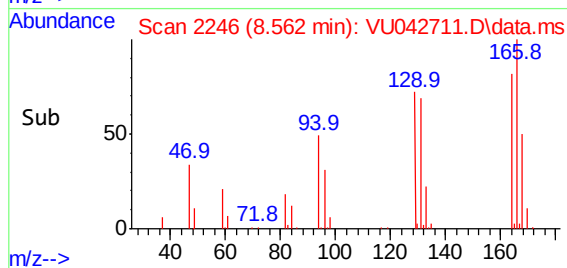
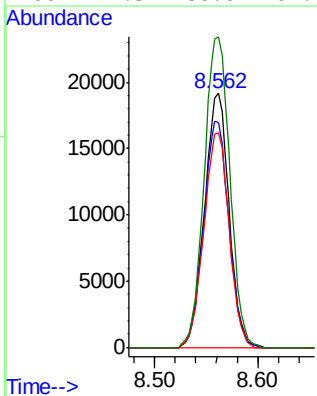
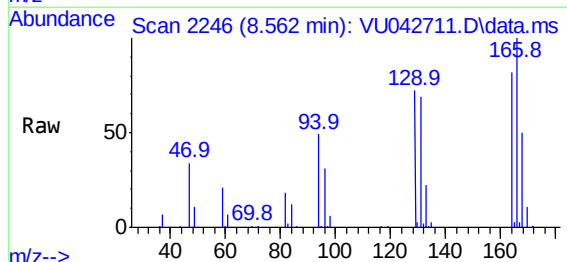
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 99  | 63.6  | 44.0  | 81.8  |
| 83  | 92.2  | 57.6  | 107.0 |
| 85  | 56.8  | 39.5  | 73.3  |

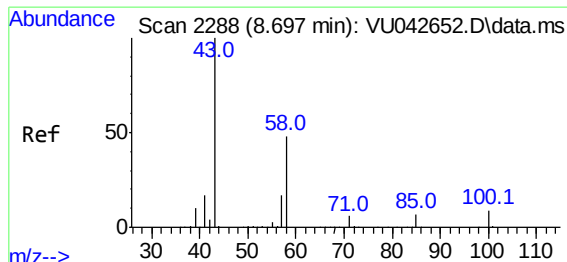


#47  
Tetrachloroethene  
Concen: 4.42 ug/L  
RT: 8.562 min Scan# 2246  
Delta R.T. 0.000 min  
Lab File: VU042711.D  
Acq: 19 Mar 2021 09:50

Tgt Ion: 164 Resp: 31656

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 129 | 88.4  | 64.3  | 119.5 |
| 131 | 84.7  | 62.2  | 115.6 |
| 166 | 122.3 | 88.6  | 164.6 |



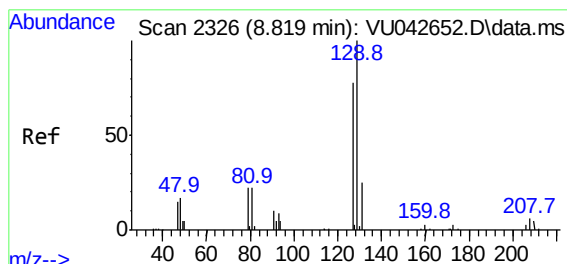
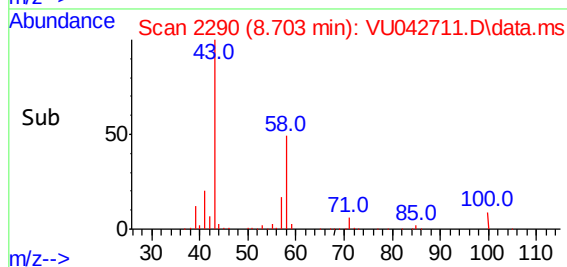
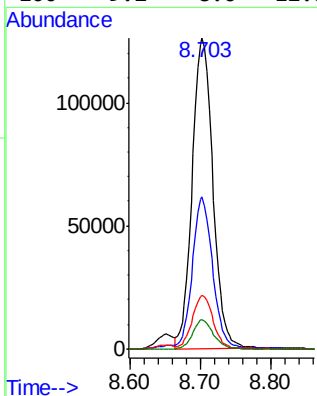
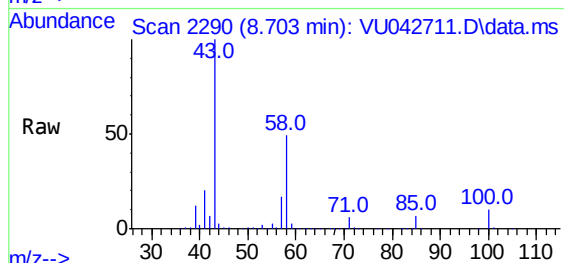


#48  
2-Hexanone  
Concen: 46.66 ug/L  
RT: 8.703 min Scan# 2290  
Delta R.T. 0.007 min  
Lab File: VU042711.D  
Acq: 19 Mar 2021 09:50

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTD00507

Tgt Ion: 43 Resp: 256546

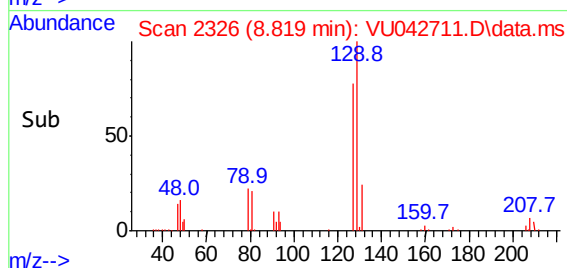
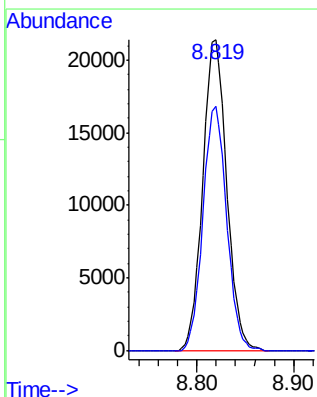
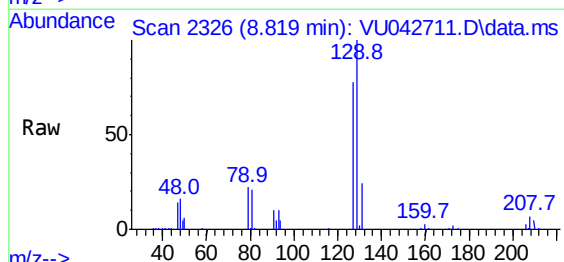
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 48.9  | 40.6  | 61.0  |
| 57  | 17.3  | 14.9  | 22.3  |
| 100 | 9.2   | 8.6   | 12.8  |

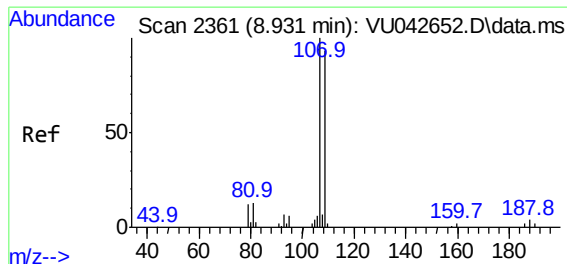


#49  
Dibromochloromethane  
Concen: 4.69 ug/L  
RT: 8.819 min Scan# 2326  
Delta R.T. 0.000 min  
Lab File: VU042711.D  
Acq: 19 Mar 2021 09:50

Tgt Ion: 129 Resp: 37006

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 129 | 100   |       |       |
| 127 | 78.5  | 52.3  | 97.1  |

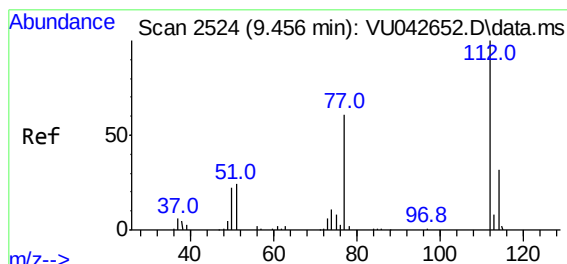
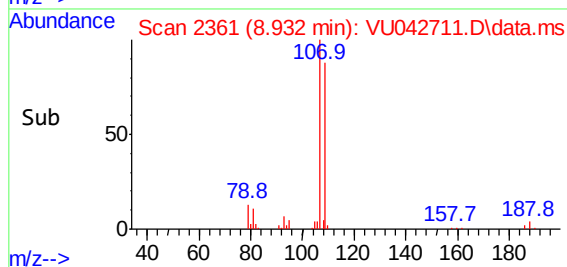
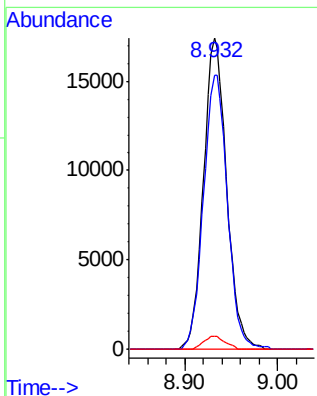
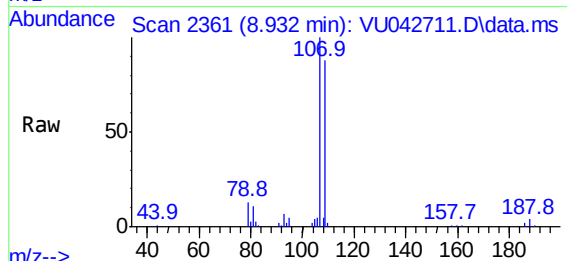




#50  
1,2-Dibromoethane  
Concen: 4.83 ug/L  
RT: 8.932 min Scan# 2361  
Delta R.T. 0.000 min  
Lab File: VU042711.D  
Acq: 19 Mar 2021 09:50

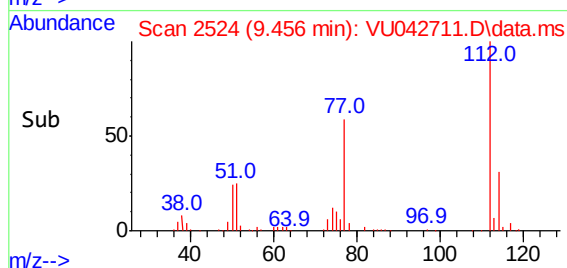
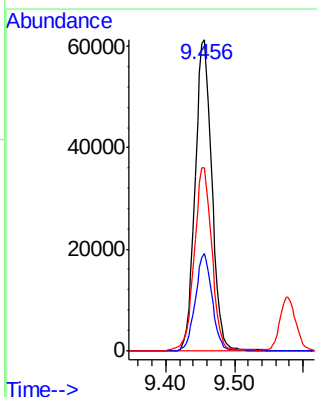
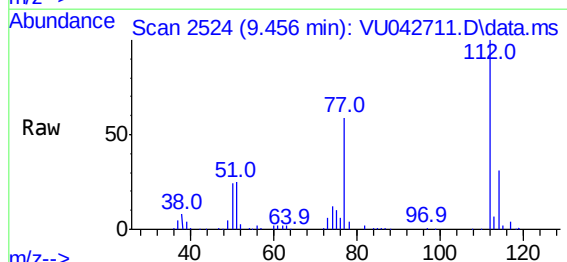
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTD00507

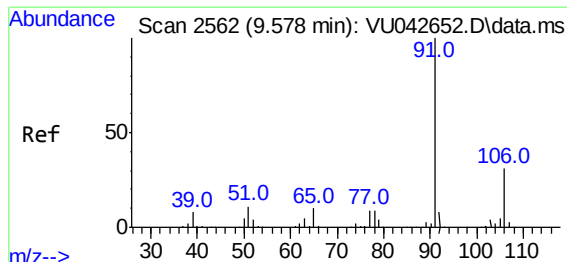
Tgt Ion:107 Resp: 29994  
Ion Ratio Lower Upper  
107 100  
109 88.0 65.5 121.6  
188 4.1 3.4 5.2



#51  
Chlorobenzene  
Concen: 4.68 ug/L  
RT: 9.456 min Scan# 2524  
Delta R.T. 0.000 min  
Lab File: VU042711.D  
Acq: 19 Mar 2021 09:50

Tgt Ion:112 Resp: 103283  
Ion Ratio Lower Upper  
112 100  
114 31.3 22.0 41.0  
77 59.0 49.8 74.6

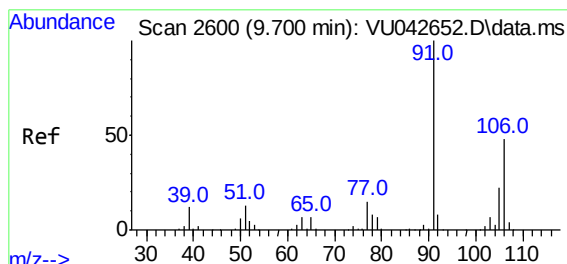
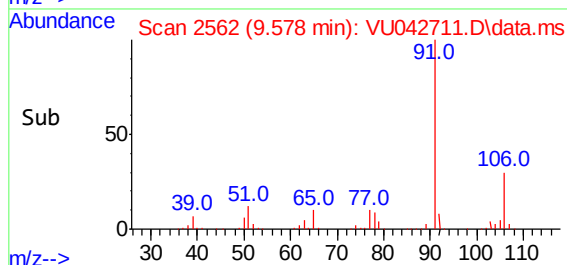
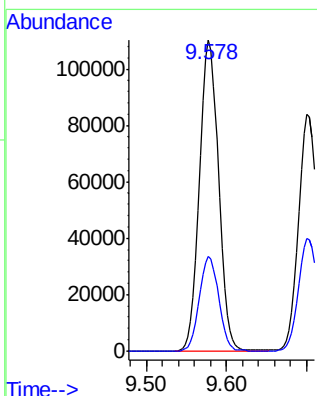
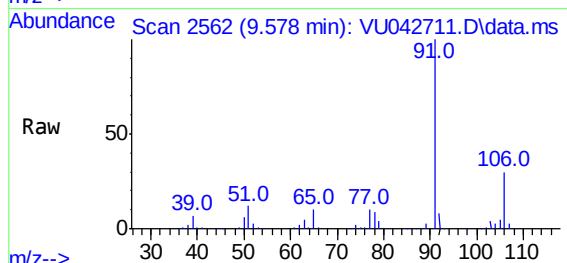




#52  
Ethylbenzene  
Concen: 4.52 ug/L  
RT: 9.578 min Scan# 2562  
Delta R.T. 0.000 min  
Lab File: VU042711.D  
Acq: 19 Mar 2021 09:50

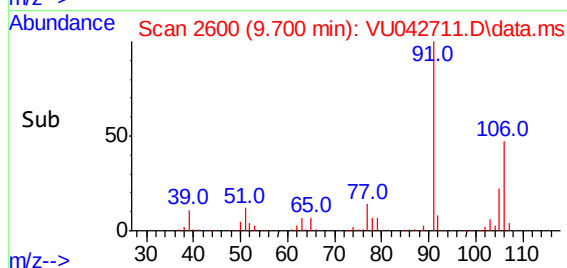
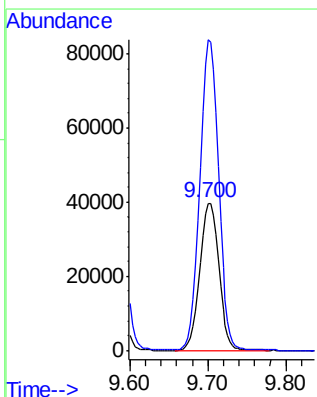
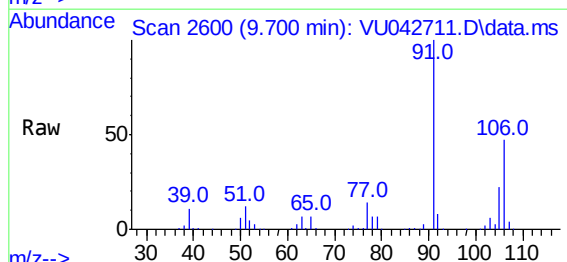
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTD00507

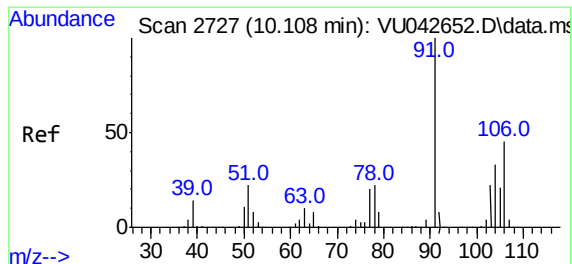
Tgt Ion: 91 Resp: 175820  
Ion Ratio Lower Upper  
91 100  
106 30.3 21.1 39.3



#53  
m,p-Xylene  
Concen: 4.68 ug/L  
RT: 9.700 min Scan# 2600  
Delta R.T. 0.000 min  
Lab File: VU042711.D  
Acq: 19 Mar 2021 09:50

Tgt Ion: 106 Resp: 67351  
Ion Ratio Lower Upper  
106 100  
91 210.8 145.1 269.5

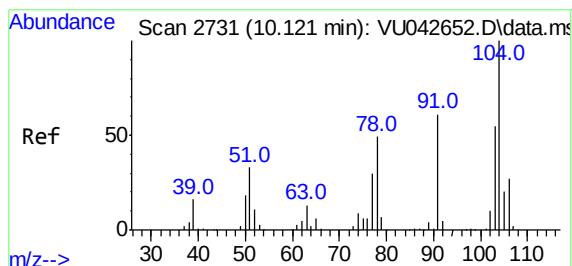
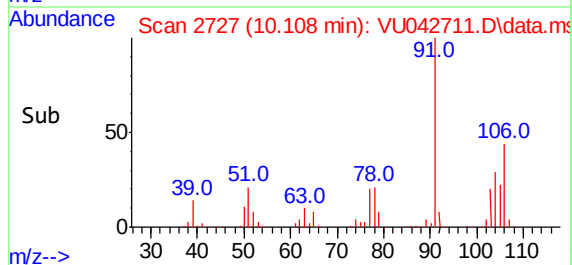
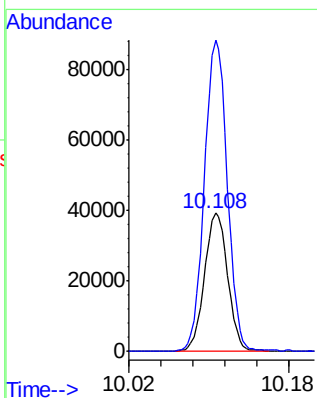
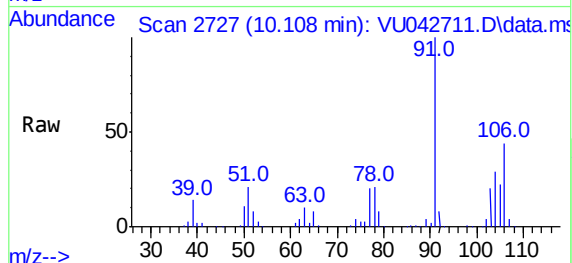




#54  
o-Xylene  
Concen: 4.63 ug/L  
RT: 10.108 min Scan# 2727  
Delta R.T. 0.000 min  
Lab File: VU042711.D  
Acq: 19 Mar 2021 09:50

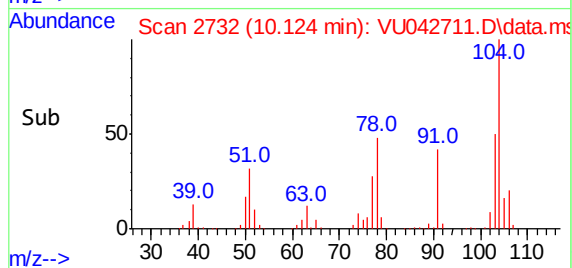
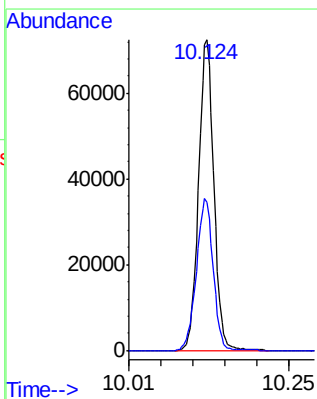
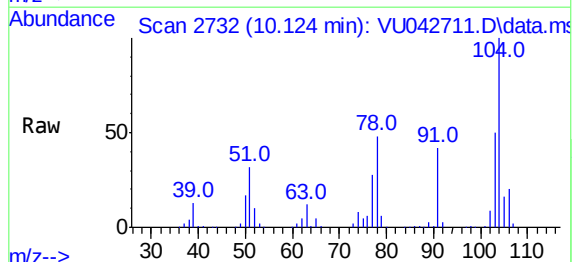
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTD00507

Tgt Ion:106 Resp: 64493  
Ion Ratio Lower Upper  
106 100  
91 226.1 153.0 284.2

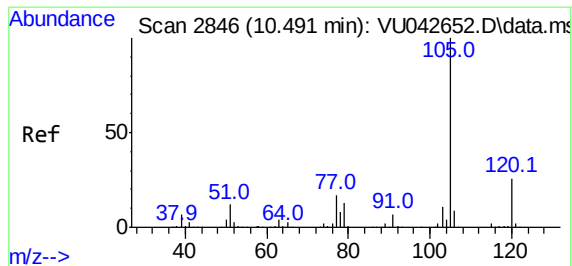


#55  
Styrene  
Concen: 4.88 ug/L  
RT: 10.124 min Scan# 2732  
Delta R.T. 0.003 min  
Lab File: VU042711.D  
Acq: 19 Mar 2021 09:50

Tgt Ion:104 Resp: 115676  
Ion Ratio Lower Upper  
104 100  
78 47.5 34.9 64.7





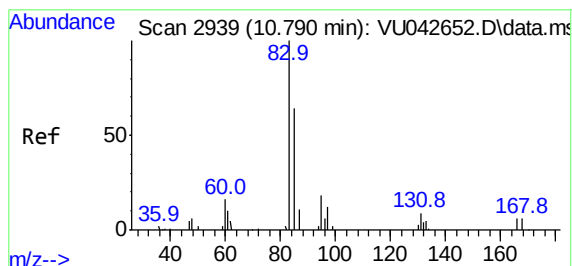
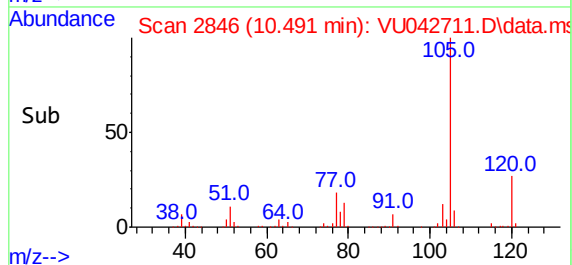
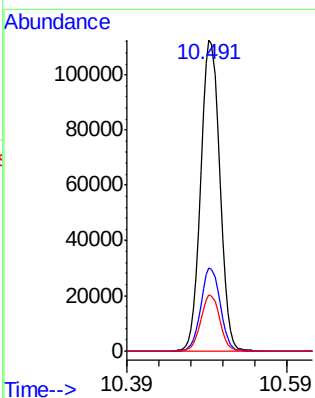
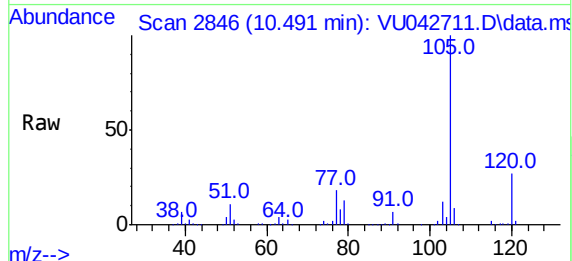


#56  
Isopropylbenzene  
Concen: 4.62 ug/L  
RT: 10.491 min Scan# 2846  
Delta R.T. 0.000 min  
Lab File: VU042711.D  
Acq: 19 Mar 2021 09:50

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTD00507

Tgt Ion:105 Resp: 177112

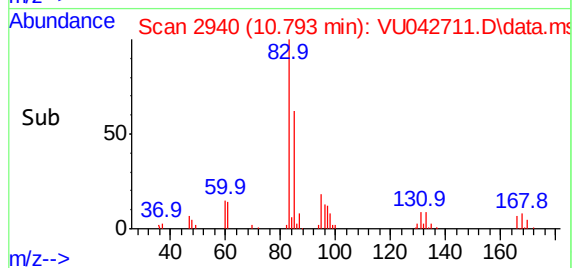
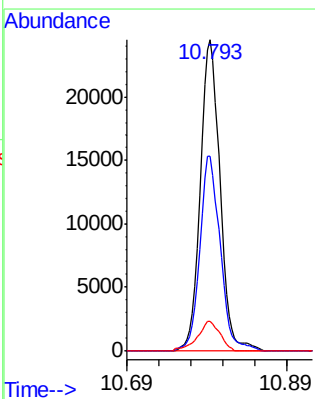
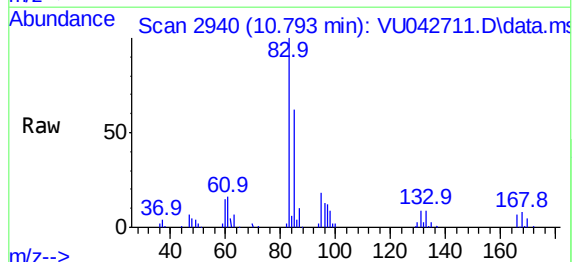
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 105 | 100   |       |       |
| 120 | 26.9  | 20.8  | 31.2  |
| 77  | 17.6  | 13.4  | 20.0  |

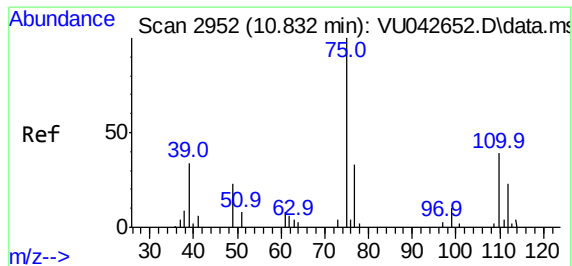


#58  
1,1,2,2-Tetrachloroethane  
Concen: 4.75 ug/L  
RT: 10.793 min Scan# 2940  
Delta R.T. 0.003 min  
Lab File: VU042711.D  
Acq: 19 Mar 2021 09:50

Tgt Ion: 83 Resp: 40075

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 85  | 62.3  | 44.4  | 82.4  |
| 131 | 9.3   | 8.6   | 12.8  |

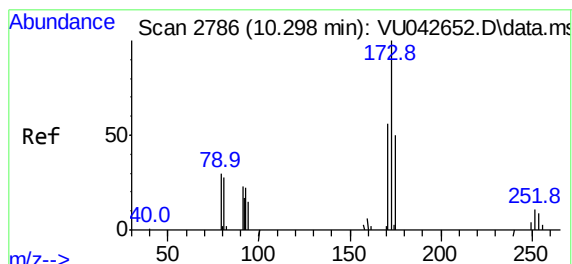
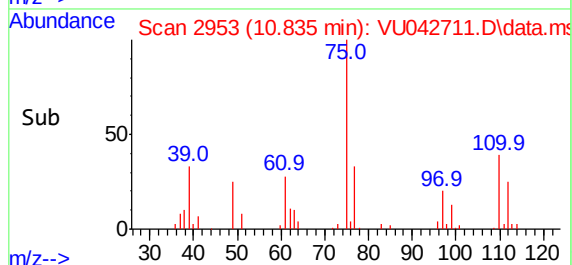
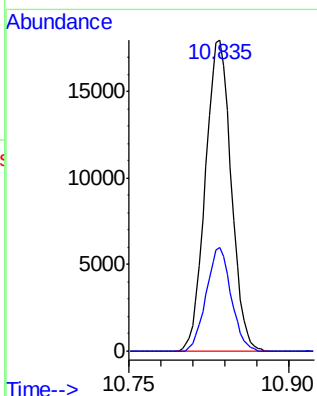
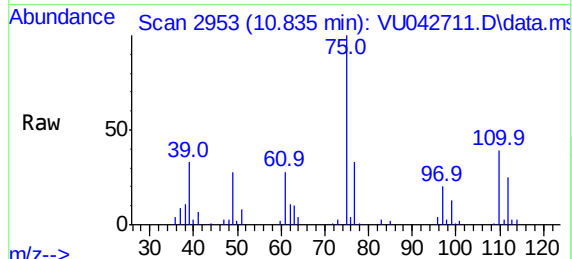




#59  
1,2,3-Trichloropropane  
Concen: 4.65 ug/L  
RT: 10.835 min Scan# 2953  
Delta R.T. 0.003 min  
Lab File: VU042711.D  
Acq: 19 Mar 2021 09:50

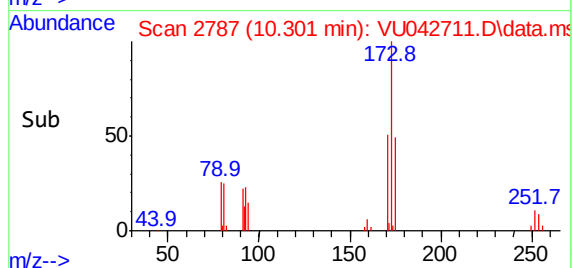
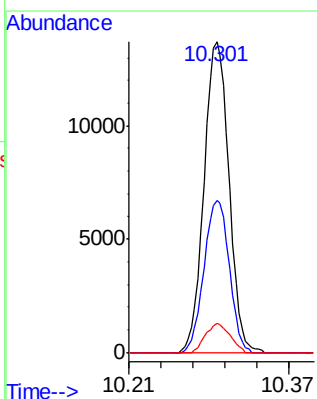
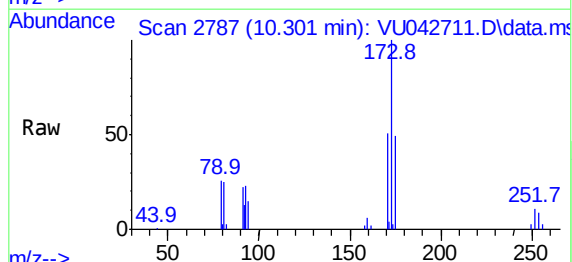
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTD00507

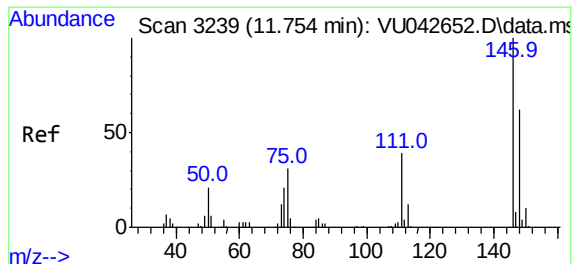
Tgt Ion: 75 Resp: 29877  
Ion Ratio Lower Upper  
75 100  
77 31.9 26.0 39.0



#61  
Bromoform  
Concen: 4.62 ug/L  
RT: 10.301 min Scan# 2787  
Delta R.T. 0.003 min  
Lab File: VU042711.D  
Acq: 19 Mar 2021 09:50

Tgt Ion:173 Resp: 23742  
Ion Ratio Lower Upper  
173 100  
175 49.6 38.7 58.1  
254 9.1 7.9 11.9

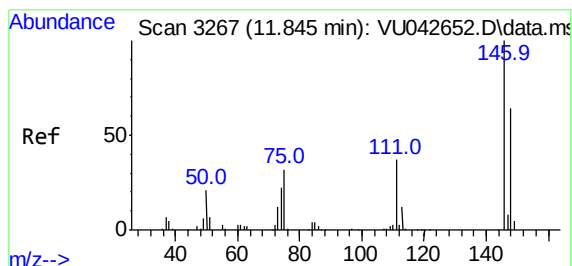
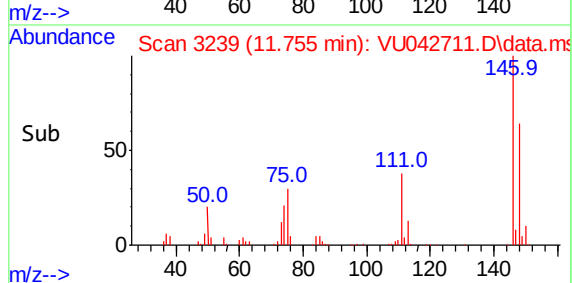
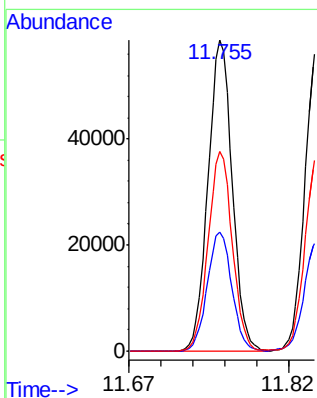
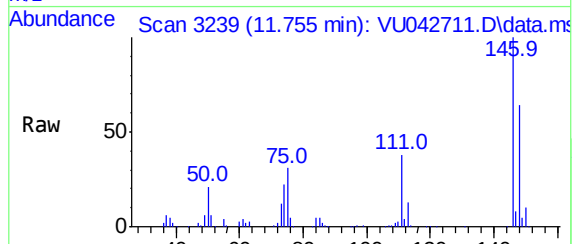




#62  
 1,3-Dichlorobenzene  
 Concen: 4.63 ug/L  
 RT: 11.755 min Scan# 3239  
 Delta R.T. 0.000 min  
 Lab File: VU042711.D  
 Acq: 19 Mar 2021 09:50

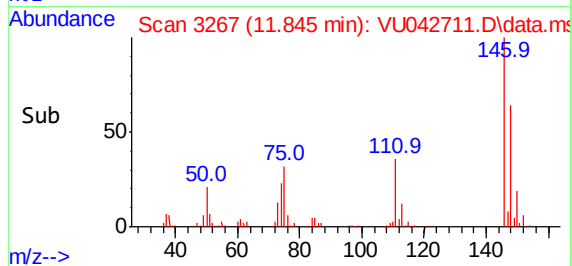
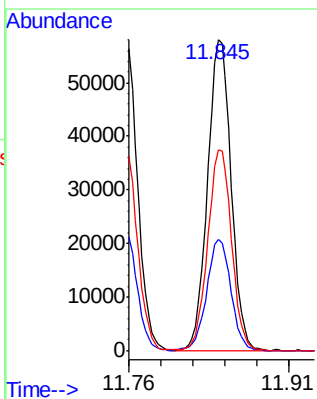
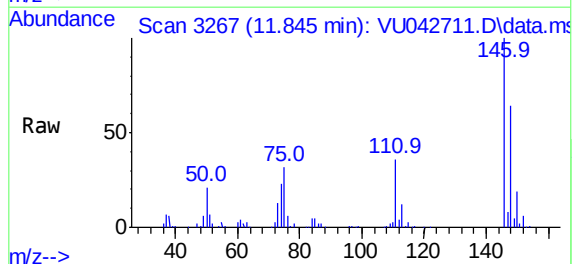
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTD00507

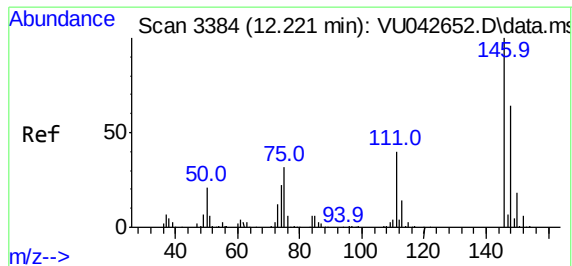
Tgt Ion:146 Resp: 90981  
 Ion Ratio Lower Upper  
 146 100  
 111 38.3 27.2 50.4  
 148 64.1 44.6 82.8



#63  
 1,4-Dichlorobenzene  
 Concen: 4.69 ug/L  
 RT: 11.845 min Scan# 3267  
 Delta R.T. 0.000 min  
 Lab File: VU042711.D  
 Acq: 19 Mar 2021 09:50

Tgt Ion:146 Resp: 91891  
 Ion Ratio Lower Upper  
 146 100  
 111 35.9 25.8 47.8  
 148 64.4 44.1 81.9

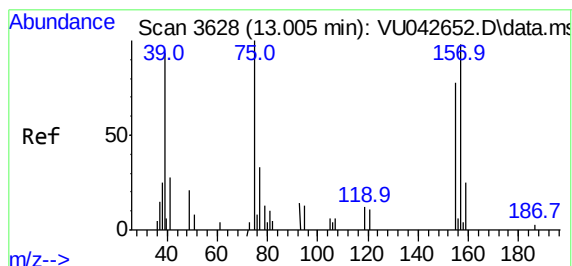
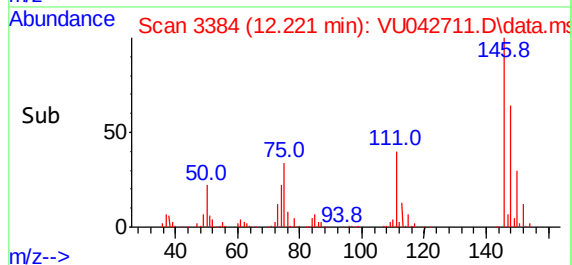
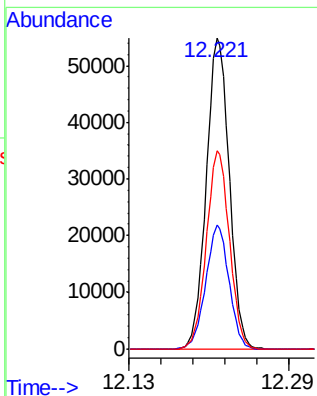
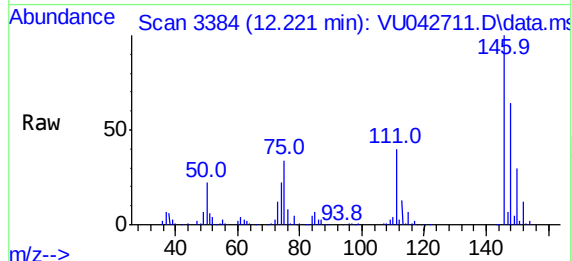




#65  
1,2-Dichlorobenzene  
Concen: 4.63 ug/L  
RT: 12.221 min Scan# 3384  
Delta R.T. 0.000 min  
Lab File: VU042711.D  
Acq: 19 Mar 2021 09:50

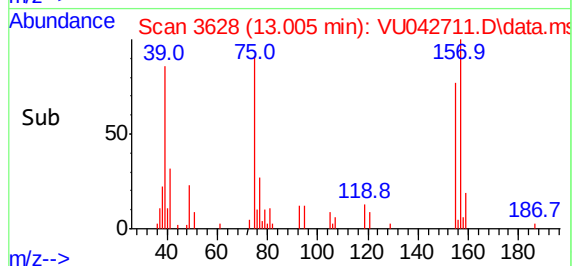
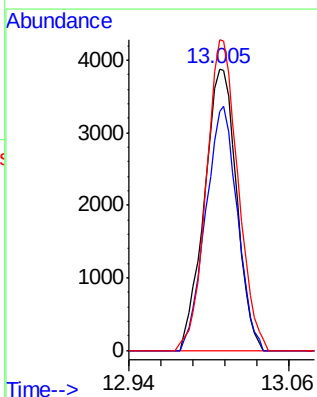
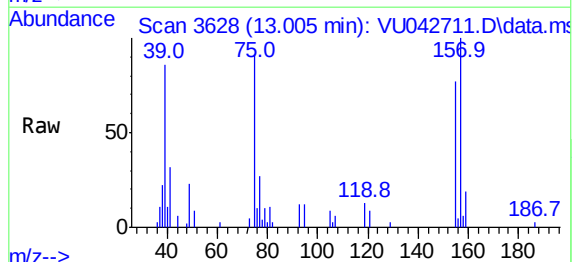
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTD00507

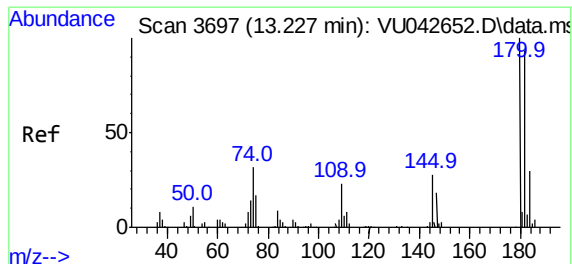
Tgt Ion:146 Resp: 87599  
Ion Ratio Lower Upper  
146 100  
111 39.7 32.7 49.1  
148 63.7 51.7 77.5



#66  
1,2-Dibromo-3-chloropropane  
Concen: 3.94 ug/L  
RT: 13.005 min Scan# 3628  
Delta R.T. 0.000 min  
Lab File: VU042711.D  
Acq: 19 Mar 2021 09:50

Tgt Ion: 75 Resp: 6262  
Ion Ratio Lower Upper  
75 100  
155 85.0 69.0 103.6  
157 110.3 91.0 136.6

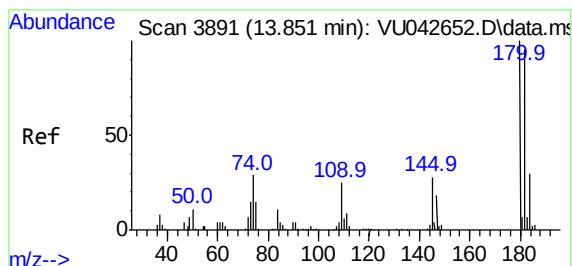
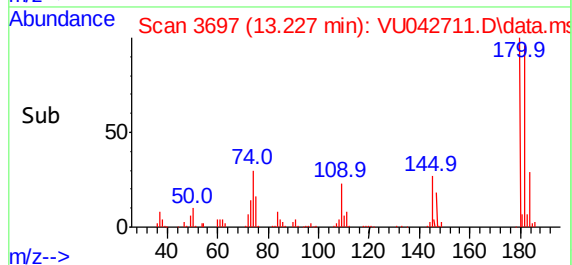
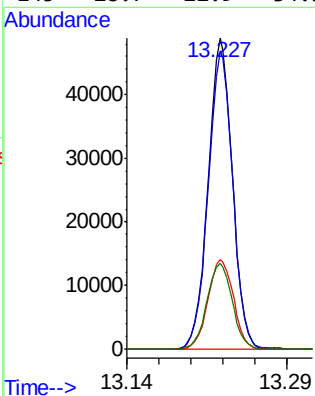
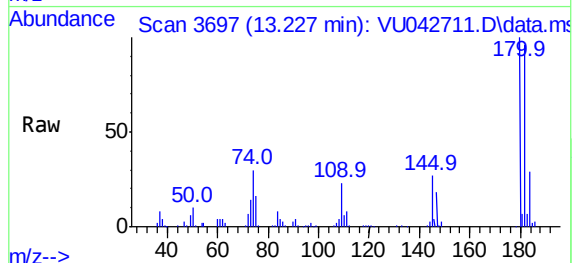




#67  
1,3,5-Trichlorobenzene  
Concen: 4.32 ug/L  
RT: 13.227 min Scan# 3697  
Delta R.T. 0.000 min  
Lab File: VU042711.D  
Acq: 19 Mar 2021 09:50

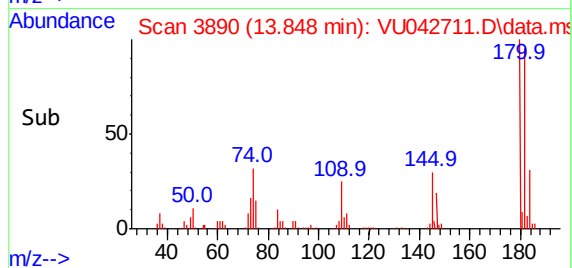
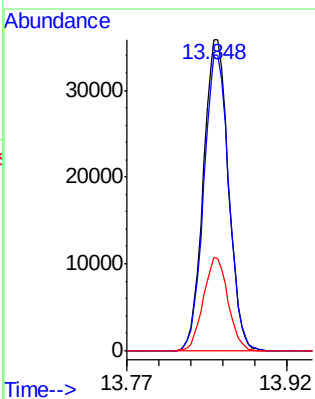
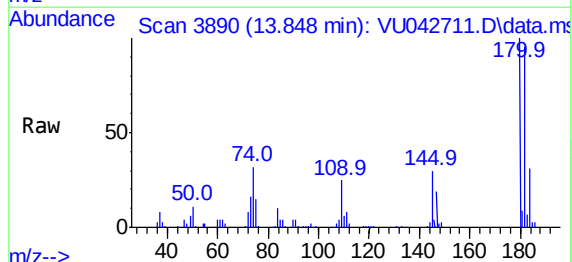
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTD00507

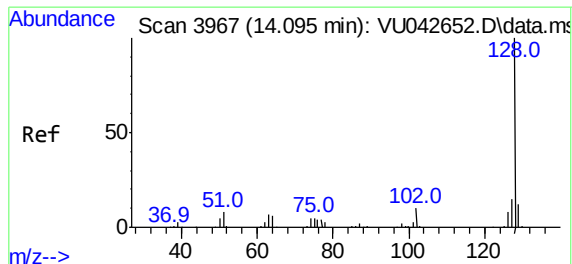
Tgt Ion:180 Resp: 73625  
Ion Ratio Lower Upper  
180 100  
182 97.3 76.4 114.6  
184 30.2 23.9 35.9  
145 28.7 22.9 34.3



#68  
1,2,4-trichlorobenzene  
Concen: 4.08 ug/L  
RT: 13.848 min Scan# 3890  
Delta R.T. -0.003 min  
Lab File: VU042711.D  
Acq: 19 Mar 2021 09:50

Tgt Ion:180 Resp: 57507  
Ion Ratio Lower Upper  
180 100  
182 95.4 76.3 114.5  
145 29.3 23.7 35.5

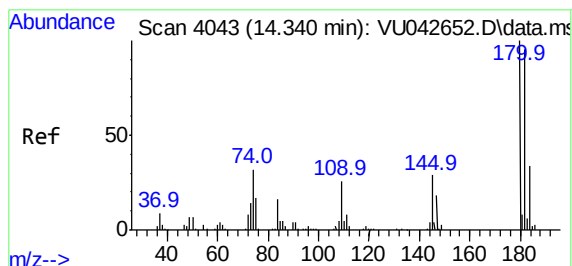
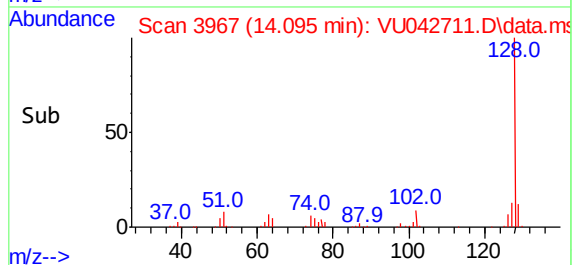
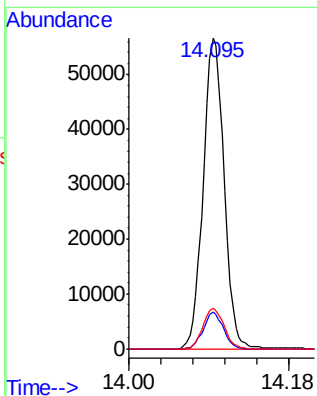
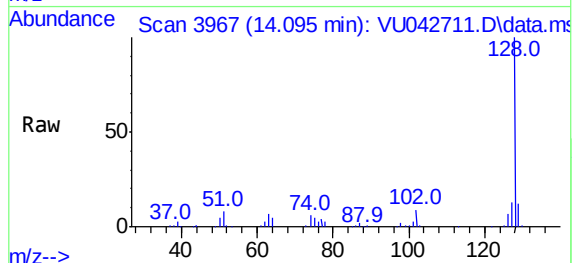




#69  
Naphthalene  
Concen: 3.95 ug/L  
RT: 14.095 min Scan# 3967  
Delta R.T. 0.000 min  
Lab File: VU042711.D  
Acq: 19 Mar 2021 09:50

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTD00507

Tgt Ion:128 Resp: 90393  
Ion Ratio Lower Upper  
128 100  
129 11.3 8.7 13.1  
127 13.2 10.6 15.8



#70  
1,2,3-Trichlorobenzene  
Concen: 4.10 ug/L  
RT: 14.340 min Scan# 4043  
Delta R.T. 0.000 min  
Lab File: VU042711.D  
Acq: 19 Mar 2021 09:50

Tgt Ion:180 Resp: 52415  
Ion Ratio Lower Upper  
180 100  
182 96.9 75.6 113.4  
145 31.8 24.7 37.1

