

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU031321\  
 Data File : VU042604.D  
 Acq On : 12 Mar 2021 11:49  
 Operator : SY/MD  
 Sample : VSTDCCC005  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTD00526

Quant Time: Mar 13 05:19:27 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SOMUTR030221WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Fri Mar 12 02:42:43 2021  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|--------|------|----------|------|-------|----------|
| -----                      |        |      |          |      |       |          |
| Internal Standards         |        |      |          |      |       |          |
| 1) 1,4-Difluorobenzene     | 6.260  | 114  | 82570    | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.427  | 117  | 83356    | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.819 | 152  | 44185    | 5.00 | ug/L  | 0.00     |

|                               |        |       |          |          |      |         |
|-------------------------------|--------|-------|----------|----------|------|---------|
| System Monitoring Compounds   |        |       |          |          |      |         |
| 4) Vinyl Chloride-d3          | 1.604  | 65    | 23796    | 4.32     | ug/L | 0.00    |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =    | 86.40%  |
| 7) Chloroethane-d5            | 1.919  | 69    | 21138    | 5.07     | ug/L | 0.00    |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =    | 101.40% |
| 11) 1,1-Dichloroethene-d2     | 2.578  | 63    | 60370    | 4.86     | ug/L | 0.00    |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =    | 97.20%  |
| 20) 2-Butanone-d5             | 4.645  | 46    | 76887    | 42.54    | ug/L | 0.00    |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =    | 85.08%  |
| 24) Chloroform-d              | 5.076  | 84    | 55839    | 5.13     | ug/L | 0.00    |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =    | 102.60% |
| 26) 1,2-Dichloroethane-d4     | 5.713  | 65    | 34299    | 5.12     | ug/L | 0.00    |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =    | 102.40% |
| 32) Benzene-d6                | 5.739  | 84    | 97521    | 4.77     | ug/L | 0.00    |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =    | 95.40%  |
| 36) 1,2-Dichloropropane-d6    | 6.700  | 67    | 31392    | 4.76     | ug/L | 0.00    |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =    | 95.20%  |
| 41) Toluene-d8                | 7.906  | 98    | 99840    | 5.00     | ug/L | 0.00    |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =    | 100.00% |
| 43) trans-1,3-Dichloroprop... | 8.189  | 79    | 14040    | 4.56     | ug/L | 0.00    |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =    | 91.20%  |
| 46) 2-Hexanone-d5             | 8.645  | 63    | 65056    | 44.11    | ug/L | 0.00    |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =    | 88.22%  |
| 57) 1,1,2,2-Tetrachloroeth... | 10.767 | 84    | 28437    | 4.84     | ug/L | 0.00    |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =    | 96.80%  |
| 64) 1,2-Dichlorobenzene-d4    | 12.201 | 152   | 38939    | 4.86     | ug/L | 0.00    |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =    | 97.20%  |

|                               |       |     |        |       |          |
|-------------------------------|-------|-----|--------|-------|----------|
| Target Compounds              |       |     |        |       | Qvalue   |
| 2) Dichlorodifluoromethane    | 1.388 | 85  | 38066  | 4.95  | ug/L 99  |
| 3) Chloromethane              | 1.523 | 50  | 35266  | 4.85  | ug/L 99  |
| 5) Vinyl chloride             | 1.607 | 62  | 35510  | 4.86  | ug/L 97  |
| 6) Bromomethane               | 1.864 | 94  | 22305  | 5.53  | ug/L 98  |
| 8) Chloroethane               | 1.941 | 64  | 22747  | 5.22  | ug/L 99  |
| 9) Trichlorofluoromethane     | 2.144 | 101 | 64768  | 5.43  | ug/L 99  |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.588 | 101 | 32736  | 5.23  | ug/L 95  |
| 12) 1,1-Dichloroethene        | 2.588 | 96  | 29542  | 5.08  | ug/L 88  |
| 13) Acetone                   | 2.655 | 43  | 52424  | 37.64 | ug/L 97  |
| 14) Carbon disulfide          | 2.803 | 76  | 84597  | 4.57  | ug/L 99  |
| 15) Methyl Acetate            | 2.964 | 43  | 13479  | 3.89  | ug/L 99  |
| 16) Methylene chloride        | 3.057 | 84  | 32910  | 4.72  | ug/L 98  |
| 17) Methyl tert-butyl Ether   | 3.372 | 73  | 77180  | 4.72  | ug/L 99  |
| 18) trans-1,2-Dichloroethene  | 3.366 | 96  | 30189  | 4.94  | ug/L 100 |
| 19) 1,1-Dichloroethane        | 3.883 | 63  | 60476  | 5.13  | ug/L 97  |
| 21) 2-Butanone                | 4.726 | 43  | 101401 | 42.83 | ug/L 93  |
| 22) cis-1,2-Dichloroethene    | 4.678 | 96  | 32844  | 5.02  | ug/L 99  |
| 23) Bromochloromethane        | 4.990 | 128 | 16357  | 5.26  | ug/L 98  |
| 25) Chloroform                | 5.099 | 83  | 64282  | 5.19  | ug/L 100 |
| 27) 1,2-Dichloroethane        | 5.806 | 62  | 46511  | 5.00  | ug/L 95  |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU031321\  
 Data File : VU042604.D  
 Acq On : 12 Mar 2021 11:49  
 Operator : SY/MD  
 Sample : VSTDCCC005  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTD00526

Quant Time: Mar 13 05:19:27 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SOMUTR030221WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Fri Mar 12 02:42:43 2021  
 Response via : Initial Calibration

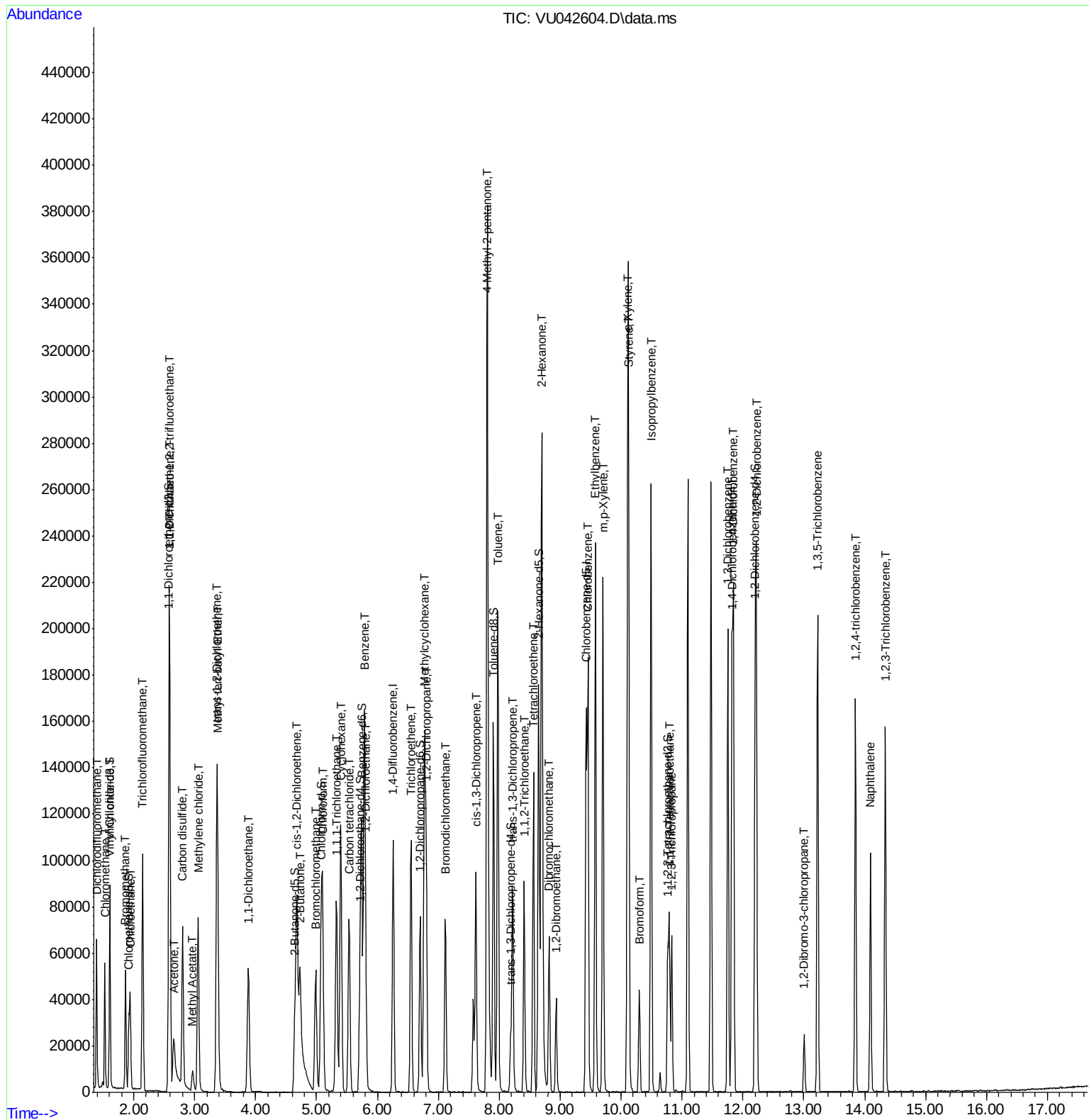
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| 29) 1,1,1-Trichloroethane     | 5.327  | 97   | 56715    | 4.89  | ug/L  | 97       |
| 30) Cyclohexane               | 5.398  | 56   | 52860    | 4.57  | ug/L  | 98       |
| 31) Carbon tetrachloride      | 5.536  | 117  | 49260    | 4.82  | ug/L  | 99       |
| 33) Benzene                   | 5.784  | 78   | 128893   | 4.94  | ug/L  | 100      |
| 34) Trichloroethene           | 6.552  | 95   | 35057    | 4.85  | ug/L  | 96       |
| 35) Methylcyclohexane         | 6.774  | 83   | 51575    | 4.69  | ug/L  | 98       |
| 37) 1,2-Dichloropropane       | 6.800  | 63   | 35431    | 5.03  | ug/L  | 98       |
| 38) Bromodichloromethane      | 7.115  | 83   | 44756    | 4.87  | ug/L  | 99       |
| 39) cis-1,3-Dichloropropene   | 7.616  | 75   | 49326    | 4.81  | ug/L  | 97       |
| 40) 4-Methyl-2-pentanone      | 7.803  | 43   | 297698   | 48.49 | ug/L  | 95       |
| 42) Toluene                   | 7.977  | 91   | 142548   | 5.01  | ug/L  | 96       |
| 44) trans-1,3-Dichloropropene | 8.218  | 75   | 44749    | 4.73  | ug/L  | 98       |
| 45) 1,1,2-Trichloroethane     | 8.411  | 97   | 25578    | 4.93  | ug/L  | 95       |
| 47) Tetrachloroethene         | 8.562  | 164  | 29233    | 4.96  | ug/L  | 97       |
| 48) 2-Hexanone                | 8.697  | 43   | 217507   | 48.02 | ug/L  | 96       |
| 49) Dibromochloromethane      | 8.819  | 129  | 31562    | 4.86  | ug/L  | 94       |
| 50) 1,2-Dibromoethane         | 8.935  | 107  | 25548    | 4.99  | ug/L  | 99       |
| 51) Chlorobenzene             | 9.456  | 112  | 89566    | 4.93  | ug/L  | 98       |
| 52) Ethylbenzene              | 9.578  | 91   | 154979   | 4.84  | ug/L  | 99       |
| 53) m,p-Xylene                | 9.703  | 106  | 59248    | 5.00  | ug/L  | 99       |
| 54) o-Xylene                  | 10.108 | 106  | 57982    | 5.05  | ug/L  | 99       |
| 55) Styrene                   | 10.124 | 104  | 99790    | 5.11  | ug/L  | 98       |
| 56) Isopropylbenzene          | 10.494 | 105  | 158741   | 5.03  | ug/L  | 99       |
| 58) 1,1,2,2-Tetrachloroethane | 10.790 | 83   | 33097    | 4.76  | ug/L  | 97       |
| 59) 1,2,3-Trichloropropane    | 10.832 | 75   | 25263    | 4.77  | ug/L  | 99       |
| 61) Bromoform                 | 10.301 | 173  | 20091    | 5.04  | ug/L  | 97       |
| 62) 1,3-Dichlorobenzene       | 11.755 | 146  | 77183    | 5.06  | ug/L  | 98       |
| 63) 1,4-Dichlorobenzene       | 11.845 | 146  | 75848    | 4.99  | ug/L  | 99       |
| 65) 1,2-Dichlorobenzene       | 12.221 | 146  | 74990    | 5.11  | ug/L  | 97       |
| 66) 1,2-Dibromo-3-chloropr... | 13.005 | 75   | 5514     | 4.47  | ug/L  | 95       |
| 67) 1,3,5-Trichlorobenzene    | 13.227 | 180  | 62318    | 4.72  | ug/L  | 99       |
| 68) 1,2,4-trichlorobenzene    | 13.851 | 180  | 49643    | 4.54  | ug/L  | 99       |
| 69) Naphthalene               | 14.095 | 128  | 78181    | 4.40  | ug/L  | 100      |
| 70) 1,2,3-Trichlorobenzene    | 14.340 | 180  | 45438    | 4.58  | ug/L  | 95       |

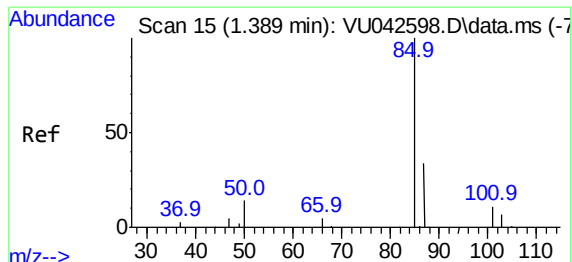
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU031321\  
 Data File : VU042604.D  
 Acq On : 12 Mar 2021 11:49  
 Operator : SY/MD  
 Sample : VSTDCCC005  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTD00526

Quant Time: Mar 13 05:19:27 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SOMUTR030221WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Fri Mar 12 02:42:43 2021  
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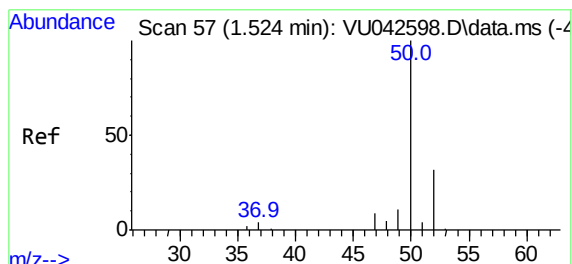
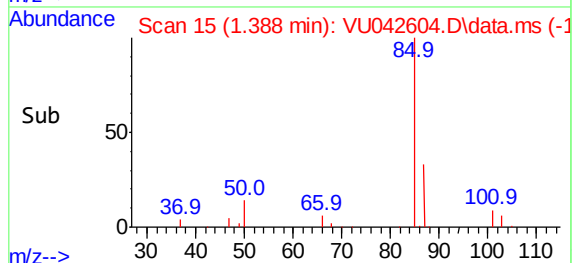
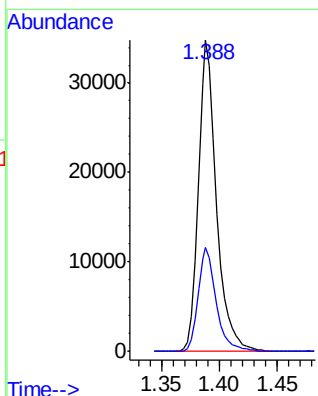
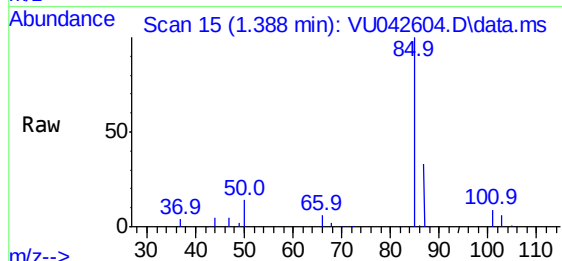




#2  
Dichlorodifluoromethane  
Concen: 4.95 ug/L  
RT: 1.388 min Scan# 15  
Delta R.T. 0.000 min  
Lab File: VU042604.D  
Acq: 12 Mar 2021 11:49

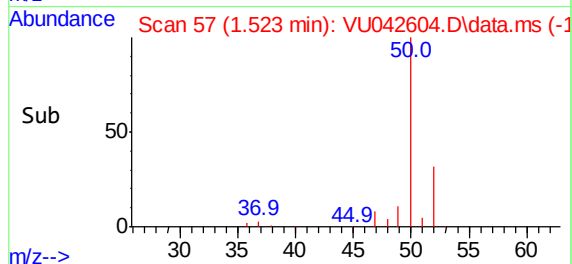
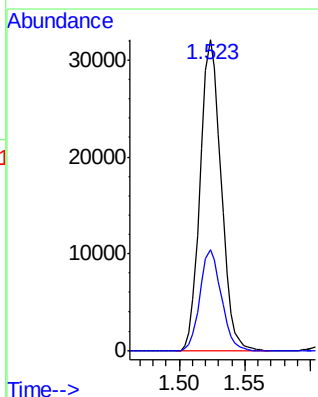
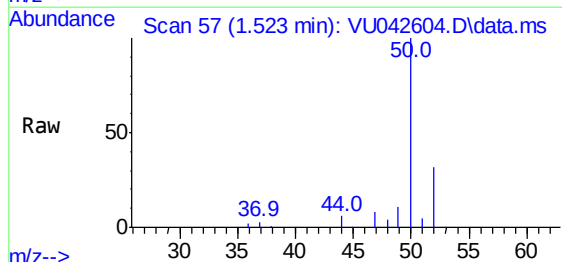
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTD00526

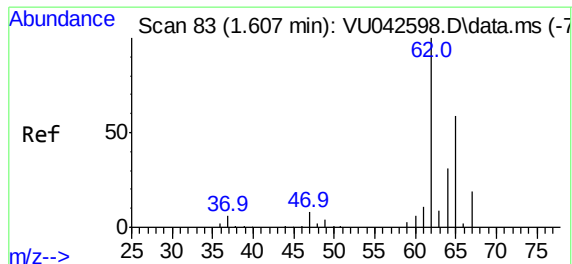
Tgt Ion: 85 Resp: 38066  
Ion Ratio Lower Upper  
85 100  
87 33.0 26.1 39.1



#3  
Chloromethane  
Concen: 4.85 ug/L  
RT: 1.523 min Scan# 57  
Delta R.T. 0.000 min  
Lab File: VU042604.D  
Acq: 12 Mar 2021 11:49

Tgt Ion: 50 Resp: 35266  
Ion Ratio Lower Upper  
50 100  
52 32.3 23.0 42.8

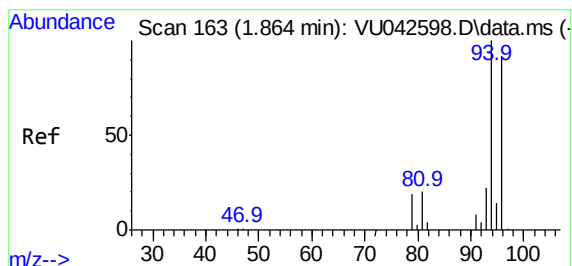
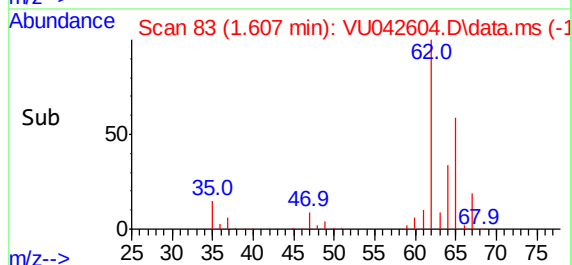
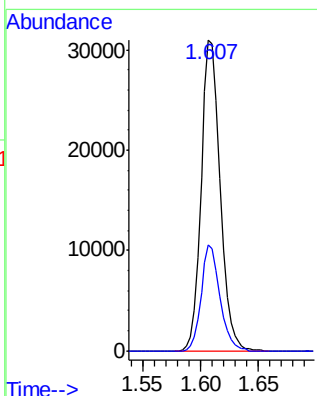
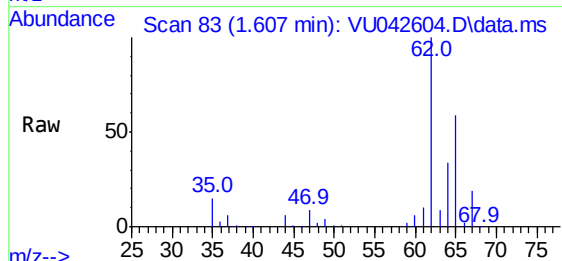




#5  
 Vinyl chloride  
 Concen: 4.86 ug/L  
 RT: 1.607 min Scan# 83  
 Delta R.T. 0.000 min  
 Lab File: VU042604.D  
 Acq: 12 Mar 2021 11:49

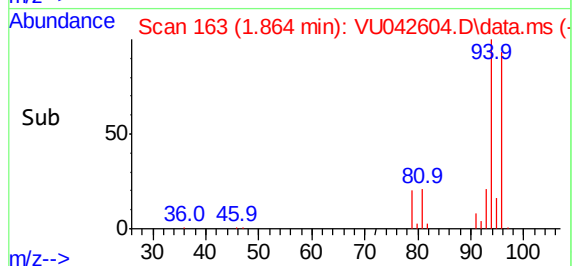
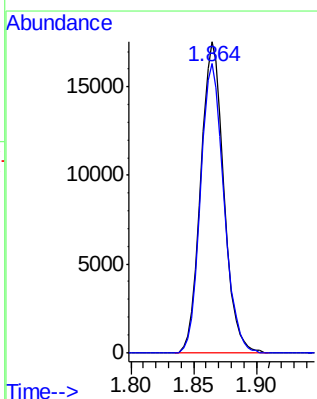
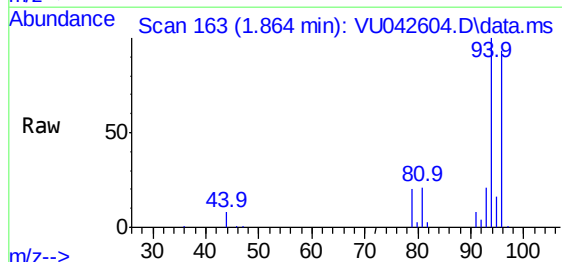
Instrument :  
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 ClientSampleId :  
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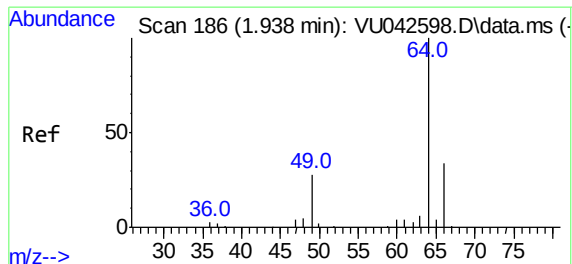
Tgt Ion: 62 Resp: 35510  
 Ion Ratio Lower Upper  
 62 100  
 64 33.9 22.7 42.1



#6  
 Bromomethane  
 Concen: 5.53 ug/L  
 RT: 1.864 min Scan# 163  
 Delta R.T. 0.000 min  
 Lab File: VU042604.D  
 Acq: 12 Mar 2021 11:49

Tgt Ion: 94 Resp: 22305  
 Ion Ratio Lower Upper  
 94 100  
 96 92.9 66.5 123.5

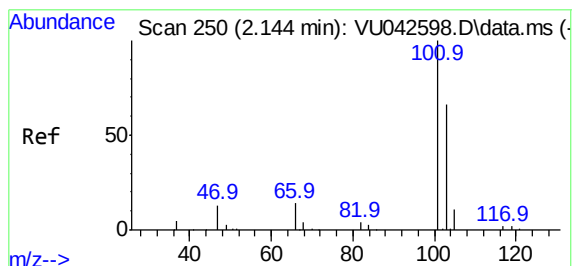
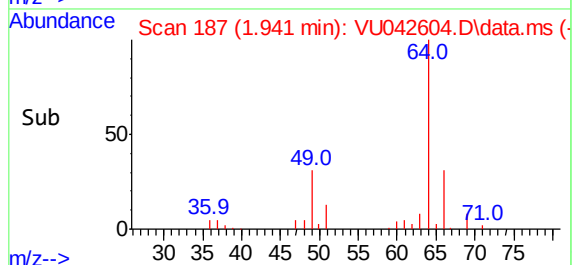
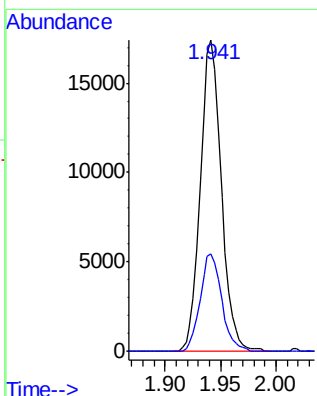
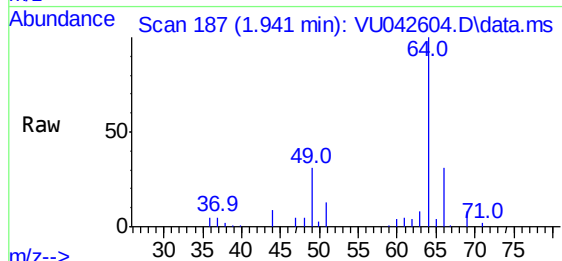




#8  
Chloroethane  
Concen: 5.22 ug/L  
RT: 1.941 min Scan# 187  
Delta R.T. 0.000 min  
Lab File: VU042604.D  
Acq: 12 Mar 2021 11:49

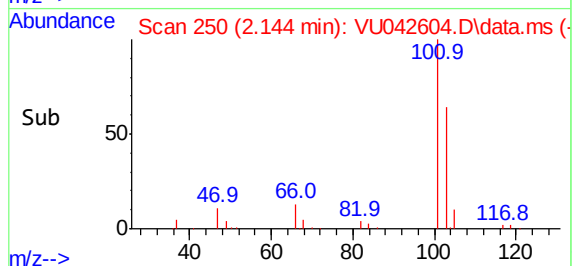
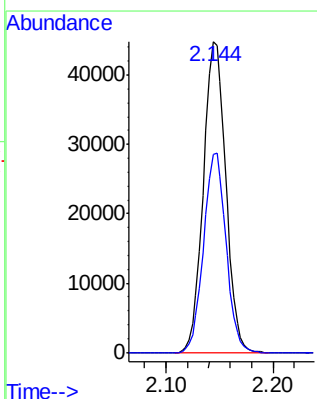
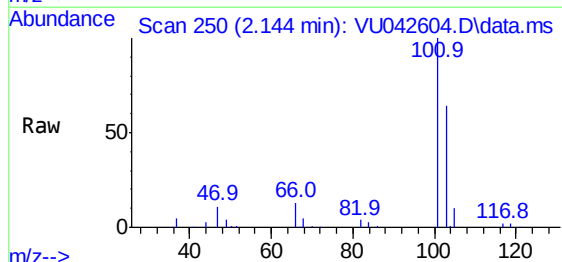
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTD00526

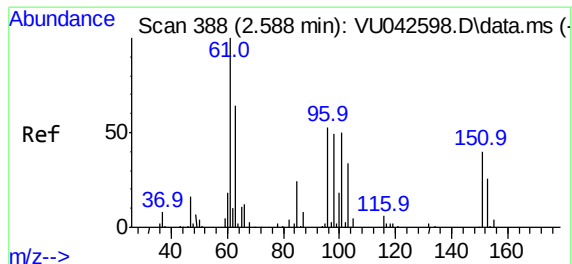
Tgt Ion: 64 Resp: 22747  
Ion Ratio Lower Upper  
64 100  
66 31.1 22.2 41.2



#9  
Trichlorofluoromethane  
Concen: 5.43 ug/L  
RT: 2.144 min Scan# 250  
Delta R.T. 0.000 min  
Lab File: VU042604.D  
Acq: 12 Mar 2021 11:49

Tgt Ion: 101 Resp: 64768  
Ion Ratio Lower Upper  
101 100  
103 64.1 51.8 77.8

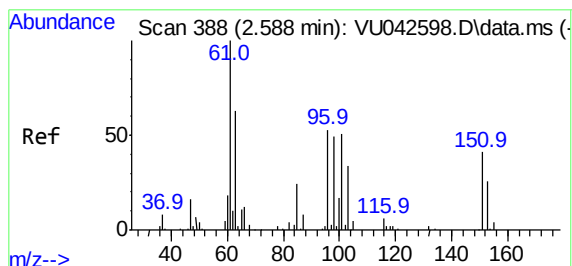
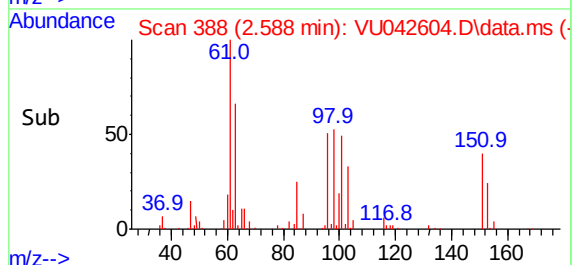
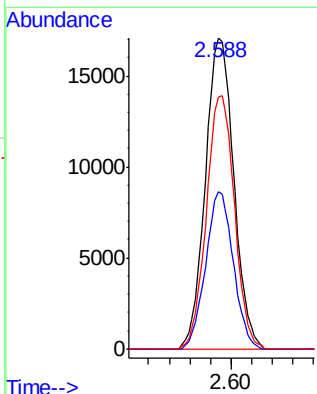
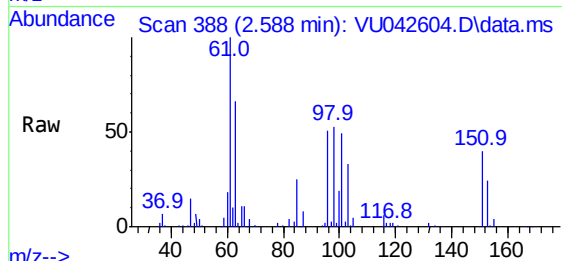




#10  
 1,1,2-Trichloro-1,2,2-trifluoroethane  
 Concen: 5.23 ug/L  
 RT: 2.588 min Scan# 388  
 Delta R.T. 0.000 min  
 Lab File: VU042604.D  
 Acq: 12 Mar 2021 11:49

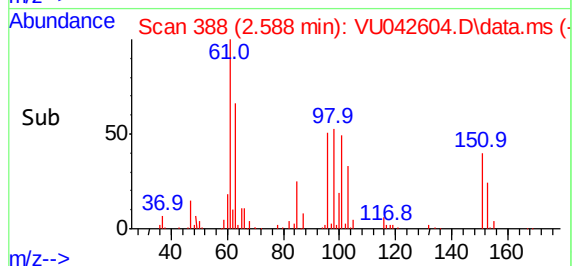
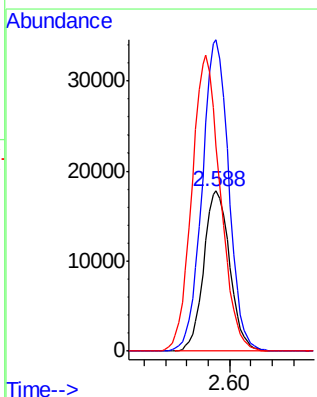
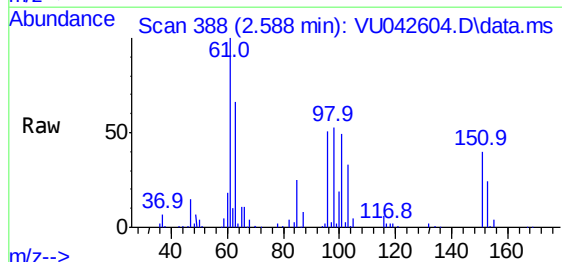
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTD00526

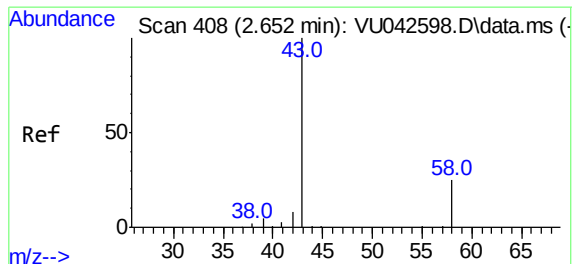
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 Ion Ratio Lower Upper  
 101 100  
 85 49.0 34.6 51.8  
 151 80.3 62.7 94.1



#12  
 1,1-Dichloroethene  
 Concen: 5.08 ug/L  
 RT: 2.588 min Scan# 388  
 Delta R.T. 0.000 min  
 Lab File: VU042604.D  
 Acq: 12 Mar 2021 11:49

Tgt Ion: 96 Resp: 29542  
 Ion Ratio Lower Upper  
 96 100  
 61 194.8 126.2 234.4  
 63 127.9 77.8 144.4

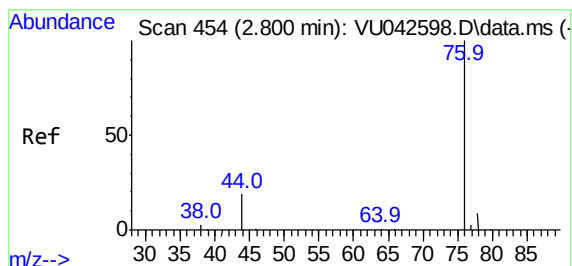
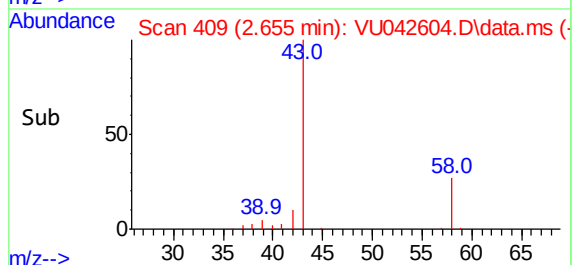
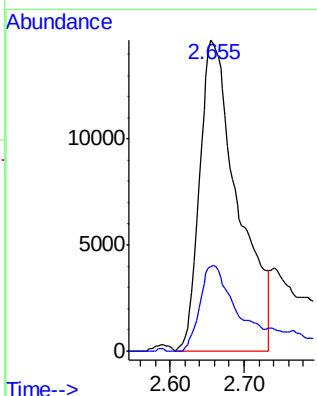
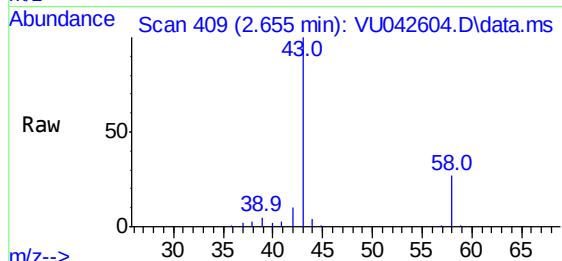




#13  
Acetone  
Concen: 37.64 ug/L  
RT: 2.655 min Scan# 409  
Delta R.T. 0.000 min  
Lab File: VU042604.D  
Acq: 12 Mar 2021 11:49

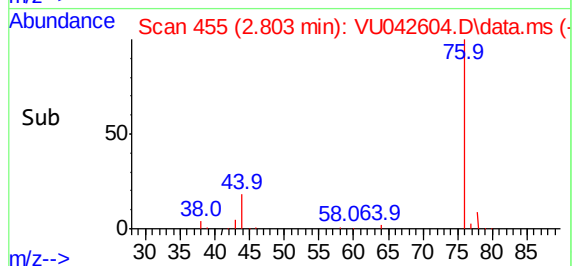
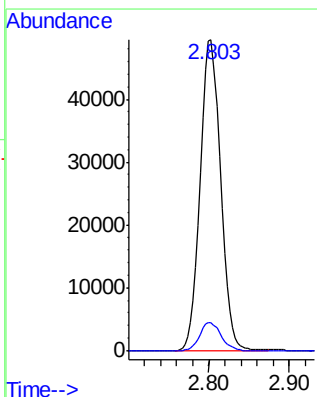
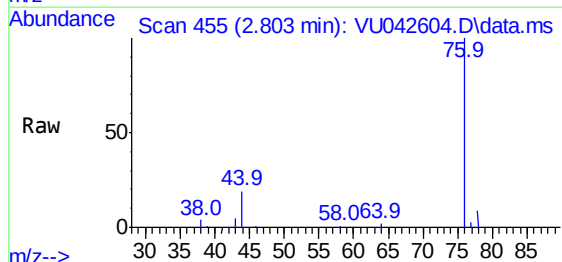
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTD00526

Tgt Ion: 43 Resp: 52424  
Ion Ratio Lower Upper  
43 100  
58 26.5 0.0 55.8

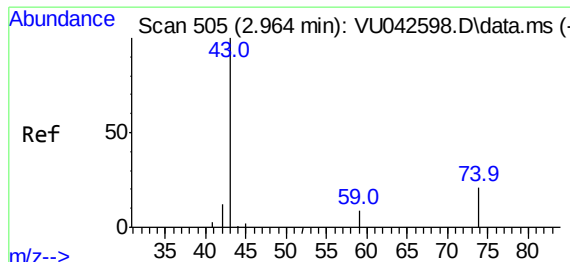


#14  
Carbon disulfide  
Concen: 4.57 ug/L  
RT: 2.803 min Scan# 455  
Delta R.T. 0.003 min  
Lab File: VU042604.D  
Acq: 12 Mar 2021 11:49

Tgt Ion: 76 Resp: 84597  
Ion Ratio Lower Upper  
76 100  
78 8.8 7.3 10.9



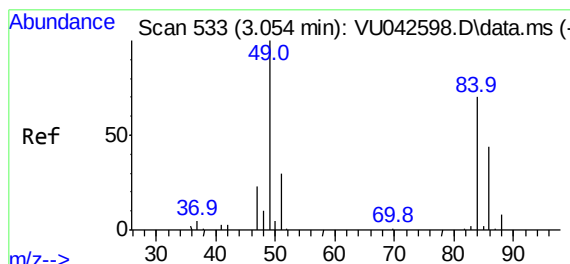
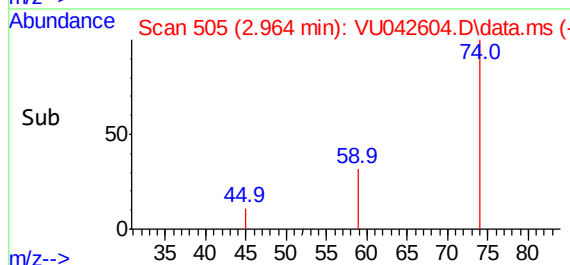
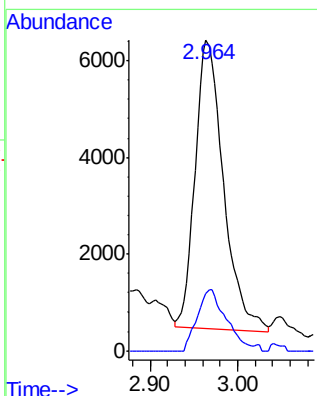
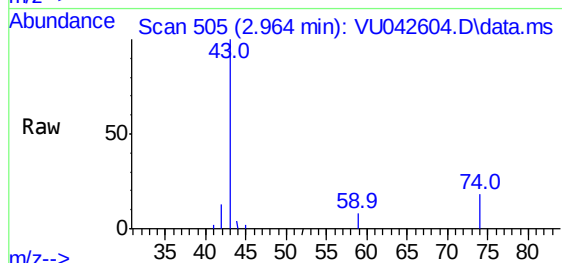




#15  
Methyl Acetate  
Concen: 3.89 ug/L  
RT: 2.964 min Scan# 505  
Delta R.T. 0.000 min  
Lab File: VU042604.D  
Acq: 12 Mar 2021 11:49

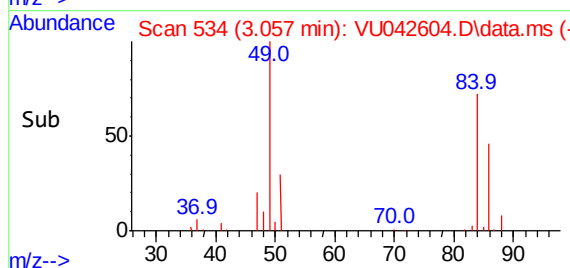
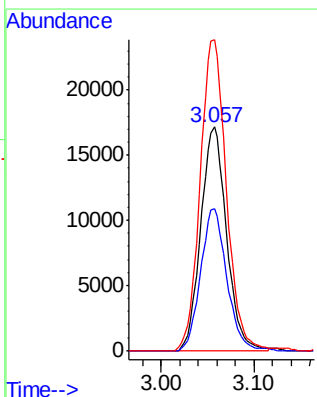
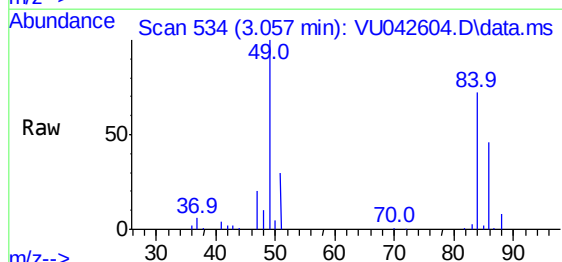
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTD00526

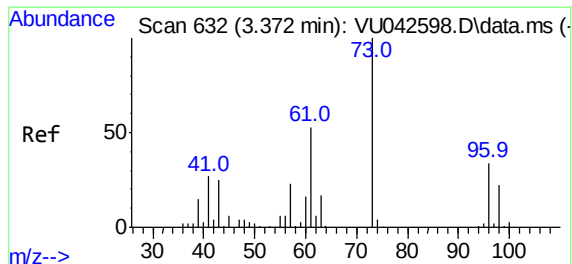
Tgt Ion: 43 Resp: 13479  
Ion Ratio Lower Upper  
43 100  
74 21.7 16.9 25.3



#16  
Methylene chloride  
Concen: 4.72 ug/L  
RT: 3.057 min Scan# 534  
Delta R.T. 0.003 min  
Lab File: VU042604.D  
Acq: 12 Mar 2021 11:49

Tgt Ion: 84 Resp: 32910  
Ion Ratio Lower Upper  
84 100  
86 63.7 44.1 81.9  
49 139.2 95.0 176.4

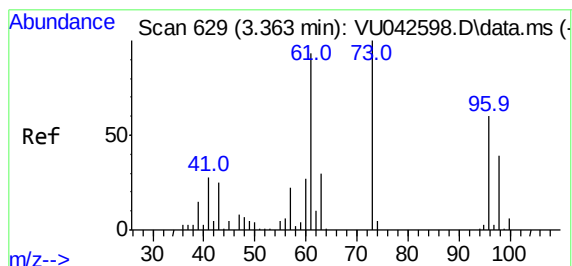
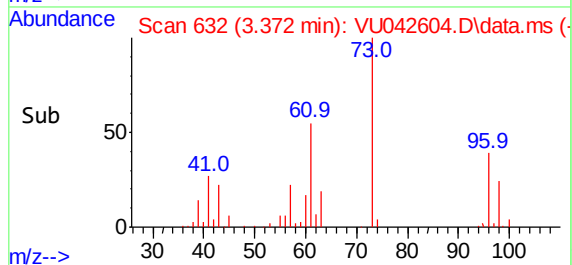
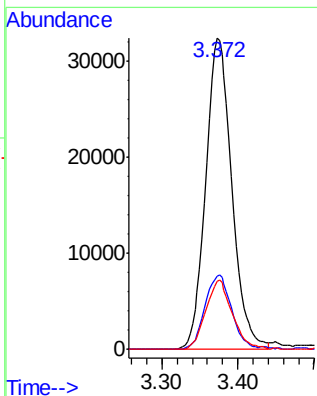
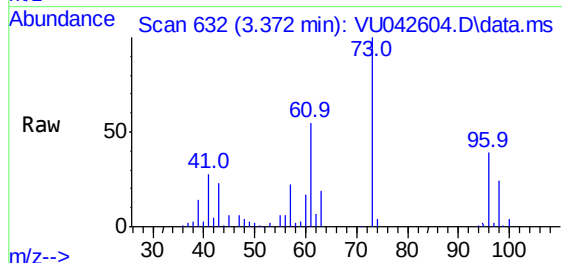




#17  
Methyl tert-butyl Ether  
Concen: 4.72 ug/L  
RT: 3.372 min Scan# 632  
Delta R.T. 0.000 min  
Lab File: VU042604.D  
Acq: 12 Mar 2021 11:49

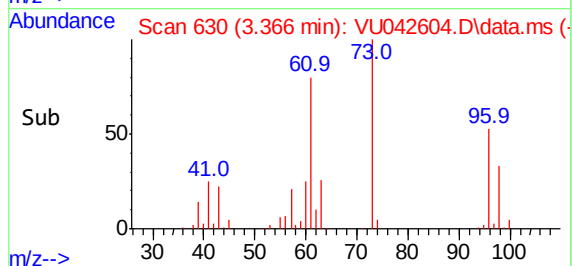
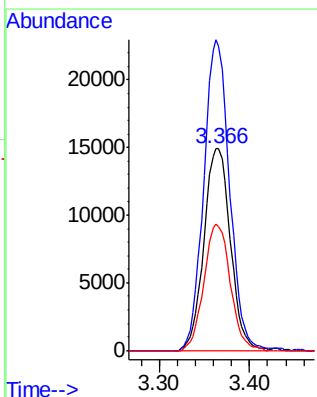
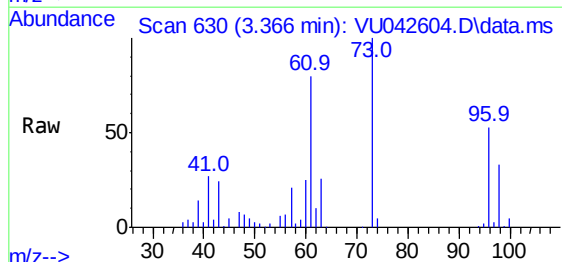
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTD00526

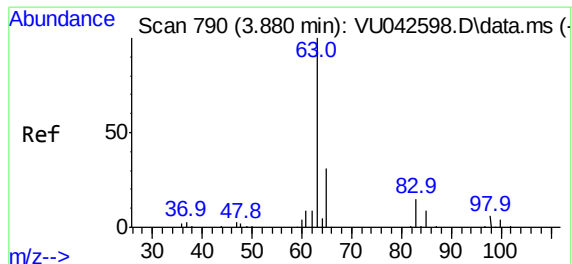
Tgt Ion: 73 Resp: 77180  
Ion Ratio Lower Upper  
73 100  
43 24.0 18.9 28.3  
57 22.2 18.2 27.4



#18  
trans-1,2-Dichloroethene  
Concen: 4.94 ug/L  
RT: 3.366 min Scan# 630  
Delta R.T. 0.003 min  
Lab File: VU042604.D  
Acq: 12 Mar 2021 11:49

Tgt Ion: 96 Resp: 30189  
Ion Ratio Lower Upper  
96 100  
61 150.8 105.7 196.3  
98 61.4 42.8 79.6

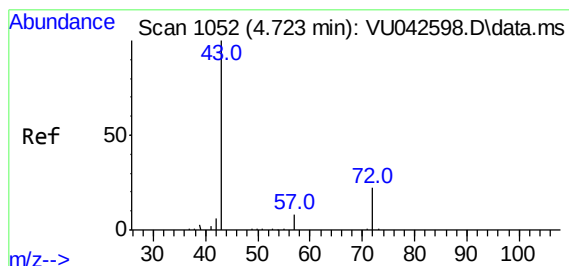
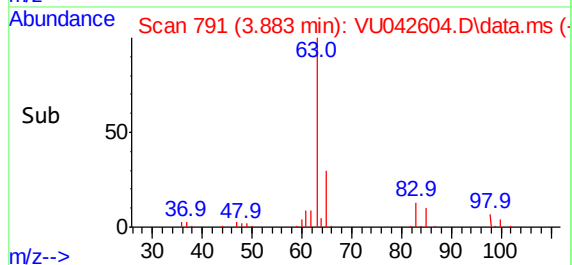
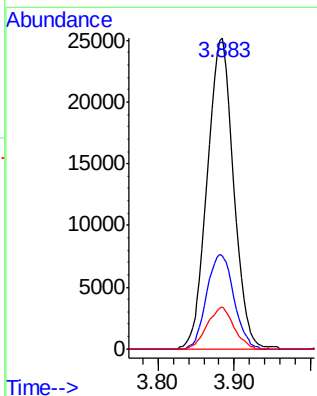
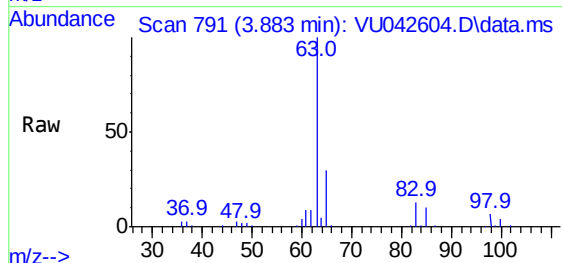




#19  
1,1-Dichloroethane  
Concen: 5.13 ug/L  
RT: 3.883 min Scan# 791  
Delta R.T. 0.003 min  
Lab File: VU042604.D  
Acq: 12 Mar 2021 11:49

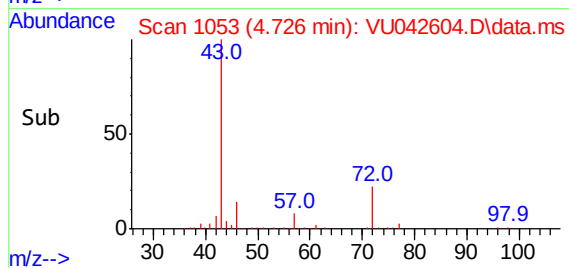
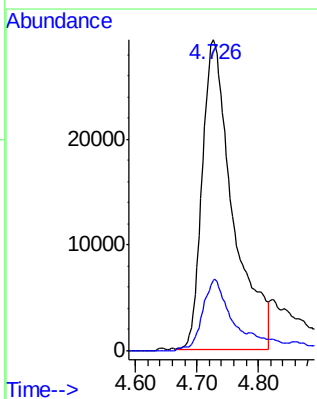
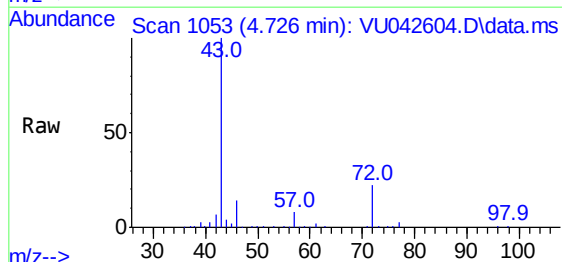
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTD00526

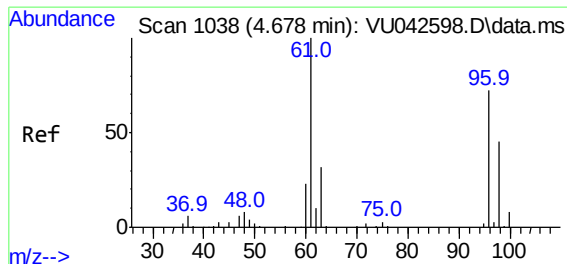
Tgt Ion: 63 Resp: 60476  
Ion Ratio Lower Upper  
63 100  
65 30.1 22.5 41.9  
83 13.4 10.1 18.7



#21  
2-Butanone  
Concen: 42.83 ug/L  
RT: 4.726 min Scan# 1053  
Delta R.T. 0.000 min  
Lab File: VU042604.D  
Acq: 12 Mar 2021 11:49

Tgt Ion: 43 Resp: 101401  
Ion Ratio Lower Upper  
43 100  
72 19.9 11.7 35.1



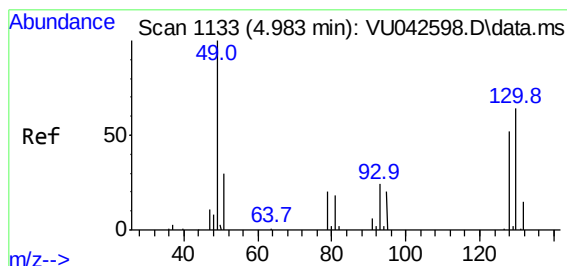
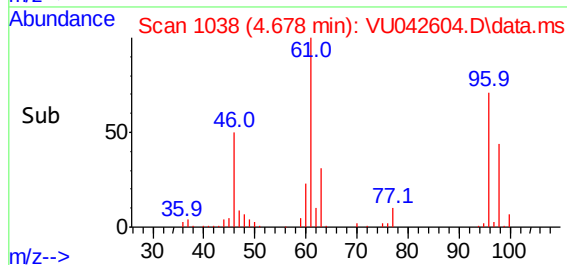
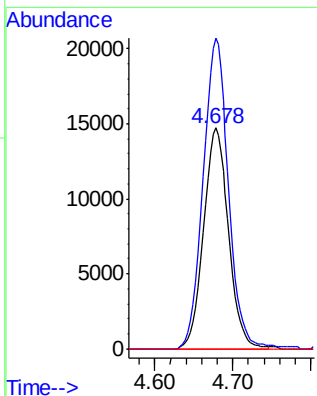
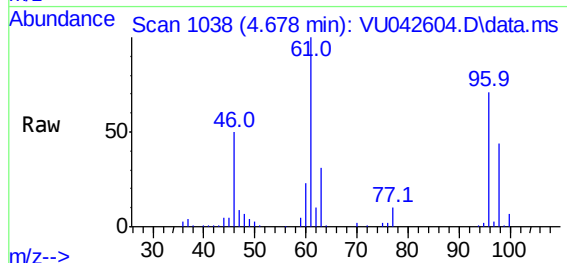


#22  
cis-1,2-Dichloroethene  
Concen: 5.02 ug/L  
RT: 4.678 min Scan# 1038  
Delta R.T. 0.000 min  
Lab File: VU042604.D  
Acq: 12 Mar 2021 11:49

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTD00526

Tgt Ion: 96 Resp: 32844

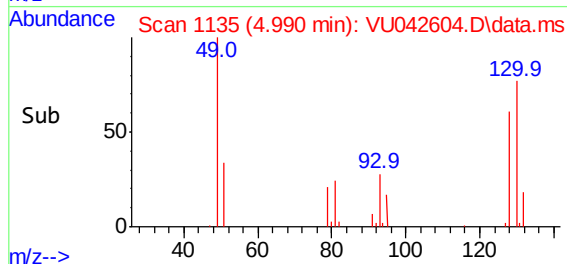
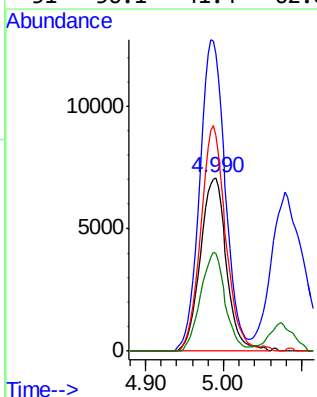
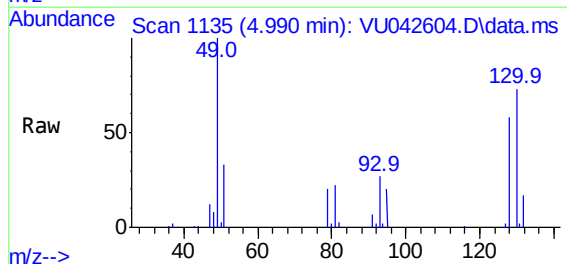
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 140.9 | 97.8  | 181.6 |
| 68  | 0.0   | 0.0   | 0.0   |

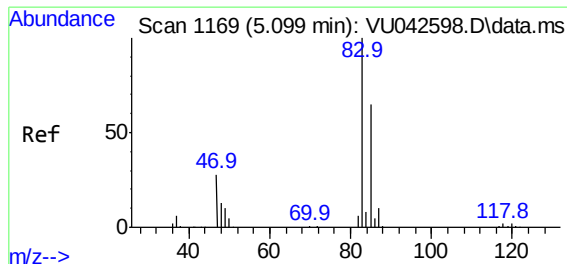


#23  
Bromochloromethane  
Concen: 5.26 ug/L  
RT: 4.990 min Scan# 1135  
Delta R.T. 0.003 min  
Lab File: VU042604.D  
Acq: 12 Mar 2021 11:49

Tgt Ion: 128 Resp: 16357

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 49  | 171.7 | 117.7 | 218.7 |
| 130 | 124.7 | 87.9  | 163.3 |
| 51  | 56.1  | 41.4  | 62.0  |

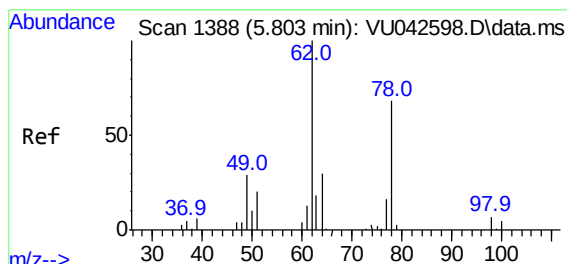
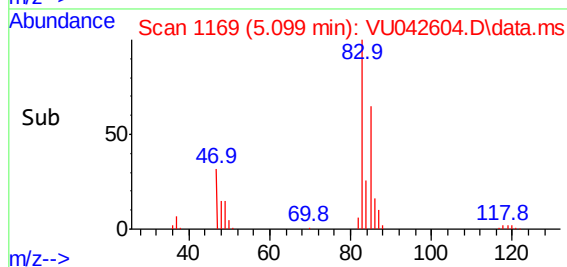
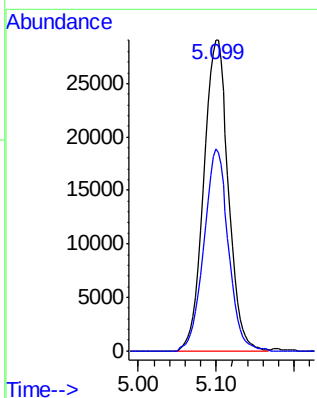
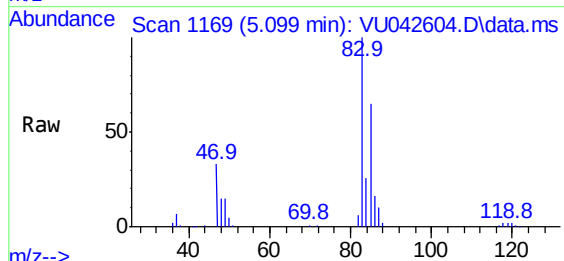




#25  
Chloroform  
Concen: 5.19 ug/L  
RT: 5.099 min Scan# 1169  
Delta R.T. 0.000 min  
Lab File: VU042604.D  
Acq: 12 Mar 2021 11:49

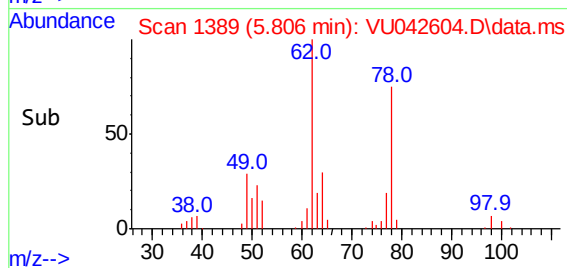
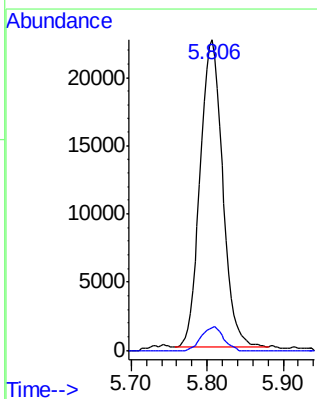
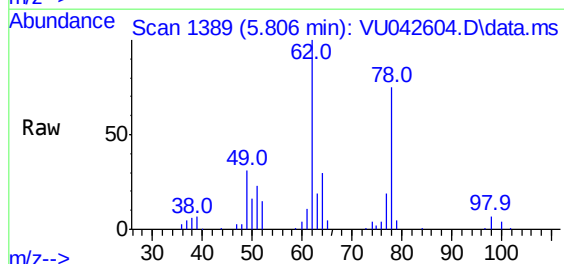
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTD00526

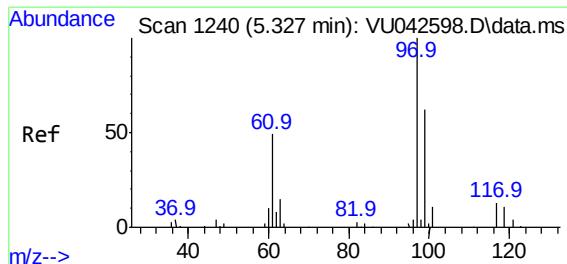
Tgt Ion: 83 Resp: 64282  
Ion Ratio Lower Upper  
83 100  
85 64.9 45.7 84.9



#27  
1,2-Dichloroethane  
Concen: 5.00 ug/L  
RT: 5.806 min Scan# 1389  
Delta R.T. 0.000 min  
Lab File: VU042604.D  
Acq: 12 Mar 2021 11:49

Tgt Ion: 62 Resp: 46511  
Ion Ratio Lower Upper  
62 100  
98 7.4 7.3 10.9

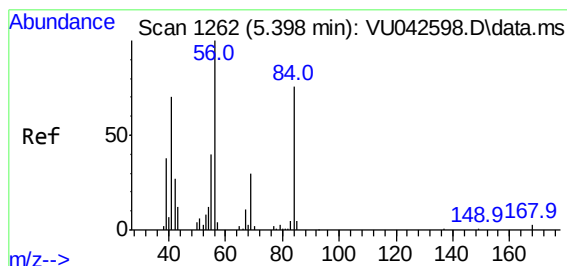
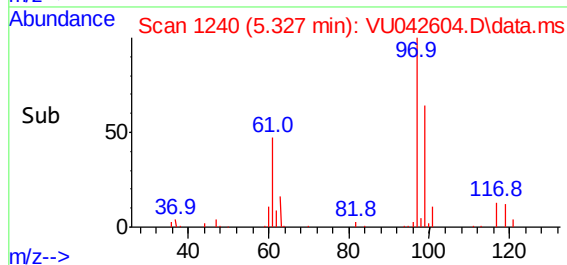
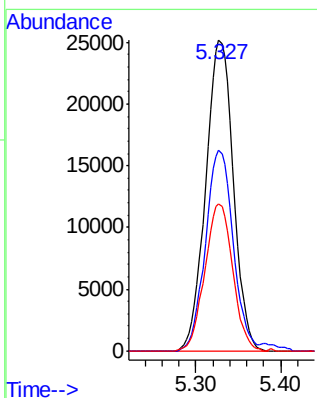
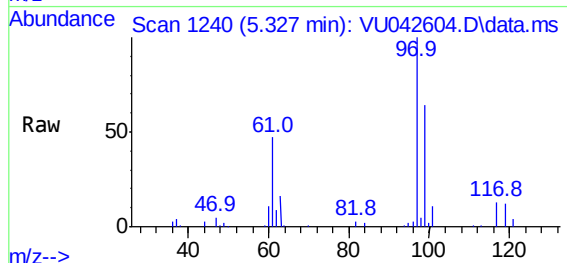




#29  
1,1,1-Trichloroethane  
Concen: 4.89 ug/L  
RT: 5.327 min Scan# 1240  
Delta R.T. 0.000 min  
Lab File: VU042604.D  
Acq: 12 Mar 2021 11:49

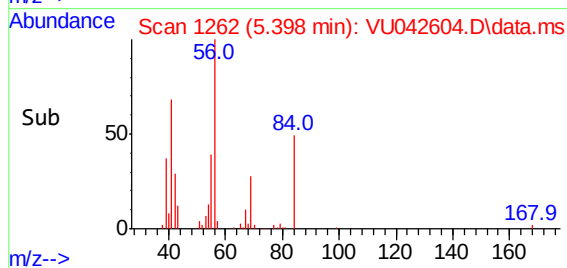
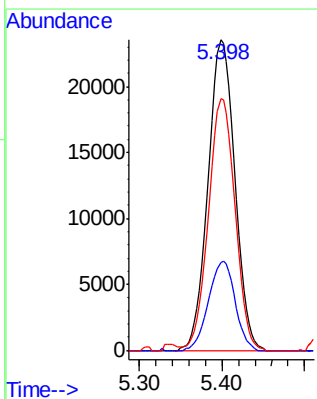
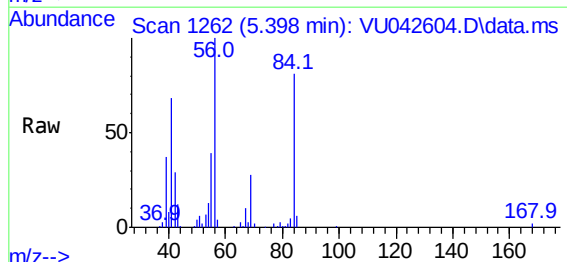
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTD00526

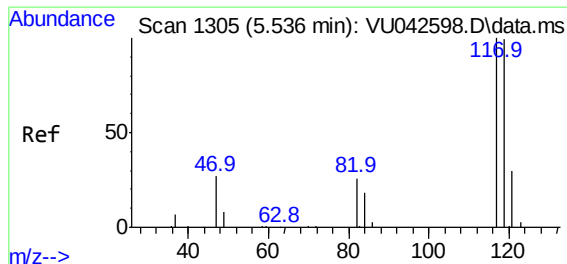
Tgt Ion: 97 Resp: 56715  
Ion Ratio Lower Upper  
97 100  
99 64.9 50.8 76.2  
61 47.7 35.8 53.6



#30  
Cyclohexane  
Concen: 4.57 ug/L  
RT: 5.398 min Scan# 1262  
Delta R.T. 0.000 min  
Lab File: VU042604.D  
Acq: 12 Mar 2021 11:49

Tgt Ion: 56 Resp: 52860  
Ion Ratio Lower Upper  
56 100  
69 28.2 23.7 35.5  
84 80.4 65.3 97.9

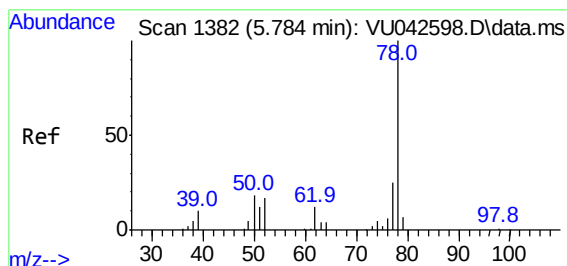
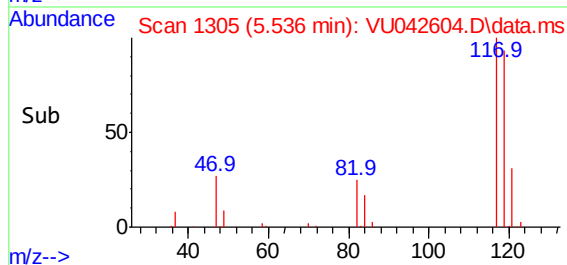
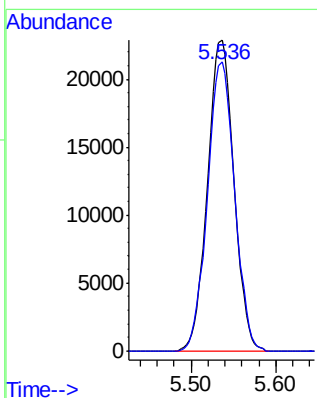
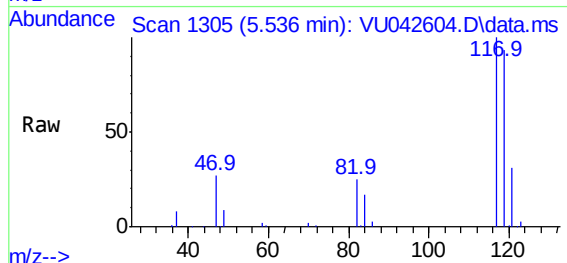




#31  
Carbon tetrachloride  
Concen: 4.82 ug/L  
RT: 5.536 min Scan# 1305  
Delta R.T. 0.003 min  
Lab File: VU042604.D  
Acq: 12 Mar 2021 11:49

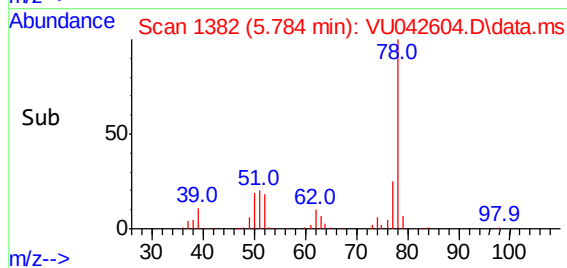
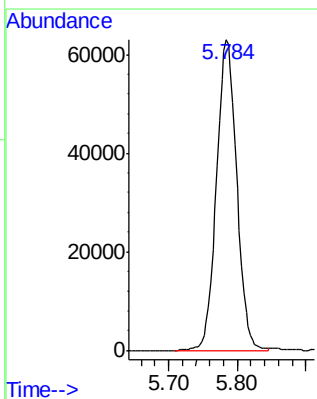
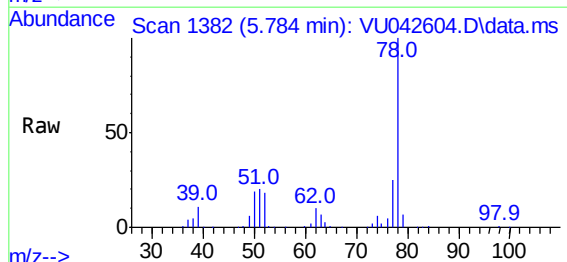
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTD00526

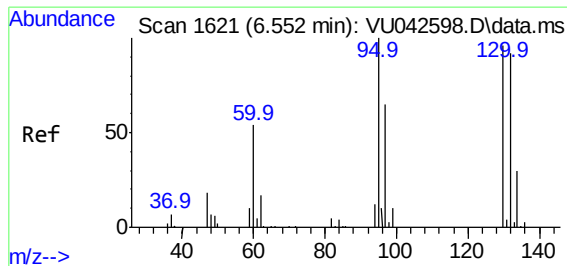
Tgt Ion:117 Resp: 49260  
Ion Ratio Lower Upper  
117 100  
119 95.8 76.2 114.4



#33  
Benzene  
Concen: 4.94 ug/L  
RT: 5.784 min Scan# 1382  
Delta R.T. 0.000 min  
Lab File: VU042604.D  
Acq: 12 Mar 2021 11:49

Tgt Ion: 78 Resp: 128893



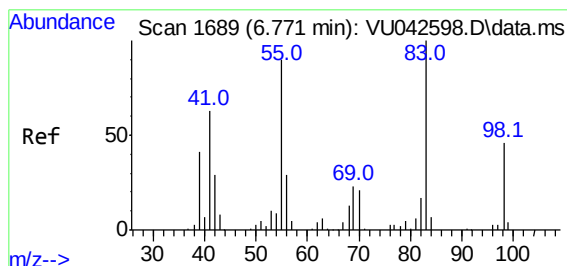
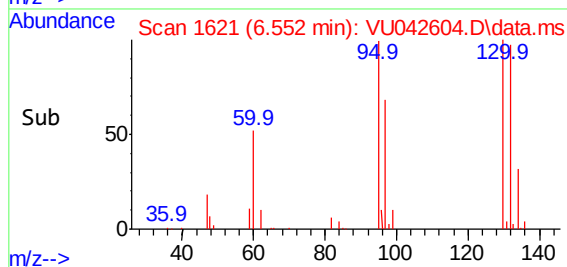
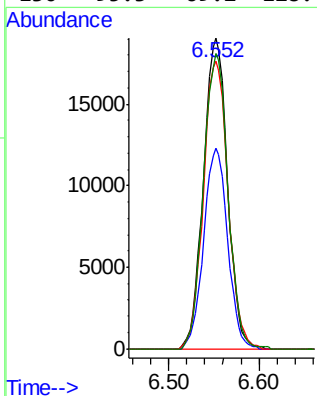
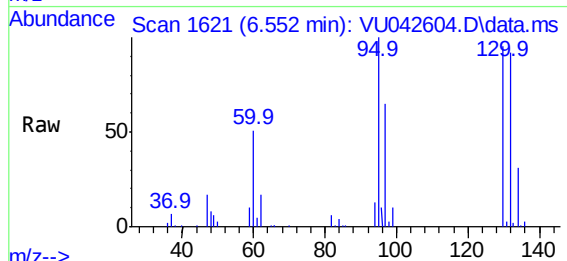


#34  
Trichloroethene  
Concen: 4.85 ug/L  
RT: 6.552 min Scan# 1621  
Delta R.T. 0.003 min  
Lab File: VU042604.D  
Acq: 12 Mar 2021 11:49

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTD00526

Tgt Ion: 95 Resp: 35057

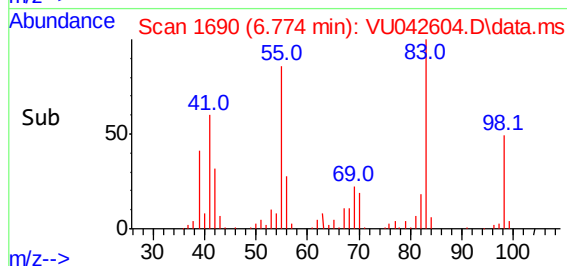
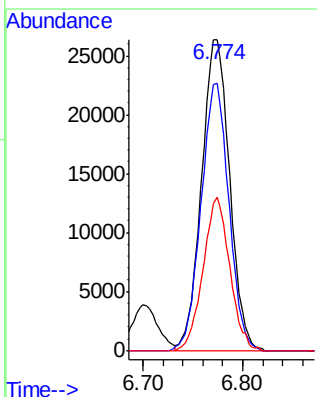
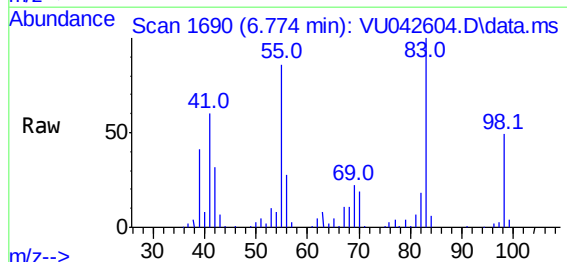
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 95  | 100   |       |       |
| 97  | 64.6  | 44.4  | 82.4  |
| 132 | 92.4  | 68.0  | 126.4 |
| 130 | 95.3  | 69.2  | 128.4 |



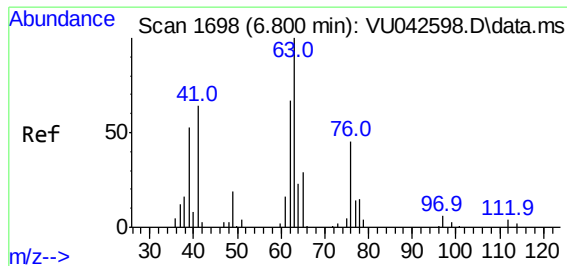
#35  
Methylcyclohexane  
Concen: 4.69 ug/L  
RT: 6.774 min Scan# 1690  
Delta R.T. 0.003 min  
Lab File: VU042604.D  
Acq: 12 Mar 2021 11:49

Tgt Ion: 83 Resp: 51575

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 55  | 85.2  | 68.2  | 102.4 |
| 98  | 46.8  | 39.7  | 59.5  |



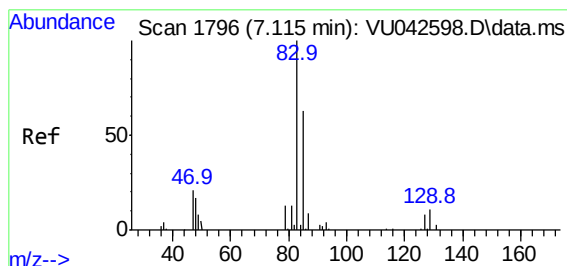
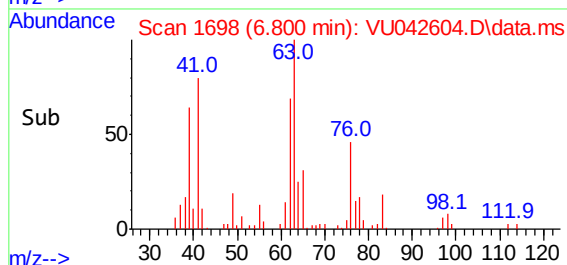
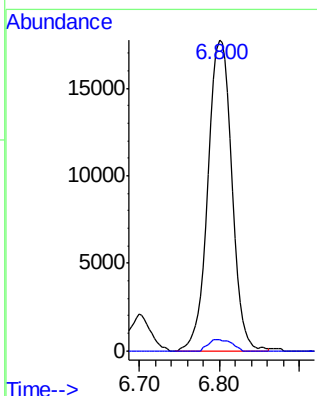
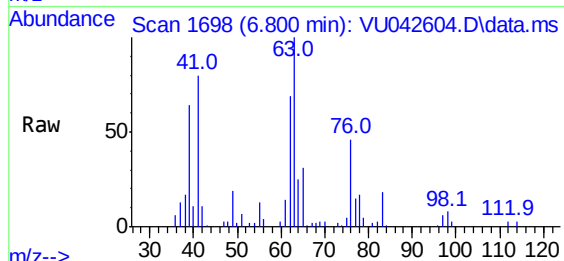




#37  
1,2-Dichloropropane  
Concen: 5.03 ug/L  
RT: 6.800 min Scan# 1698  
Delta R.T. 0.000 min  
Lab File: VU042604.D  
Acq: 12 Mar 2021 11:49

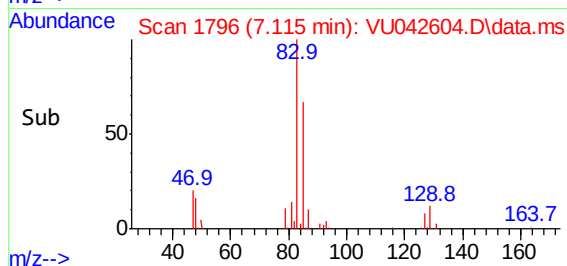
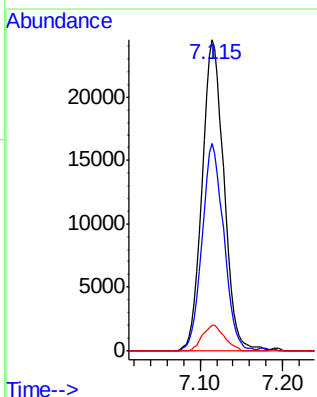
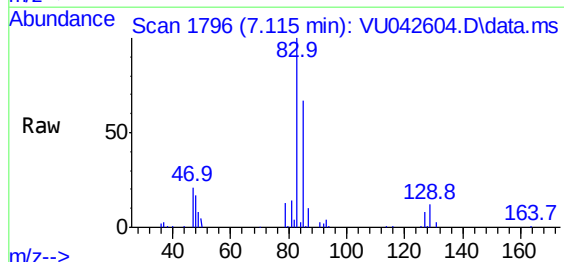
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTD00526

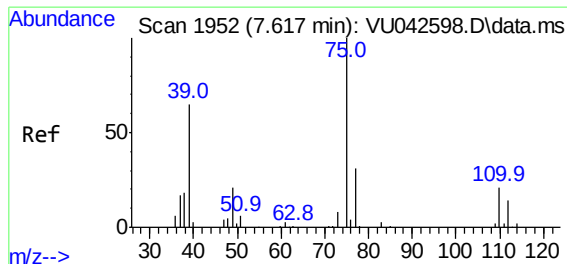
Tgt Ion: 63 Resp: 35431  
Ion Ratio Lower Upper  
63 100  
112 3.4 3.4 5.0



#38  
Bromodichloromethane  
Concen: 4.87 ug/L  
RT: 7.115 min Scan# 1796  
Delta R.T. 0.000 min  
Lab File: VU042604.D  
Acq: 12 Mar 2021 11:49

Tgt Ion: 83 Resp: 44756  
Ion Ratio Lower Upper  
83 100  
85 66.7 46.0 85.4  
127 8.2 6.8 10.2

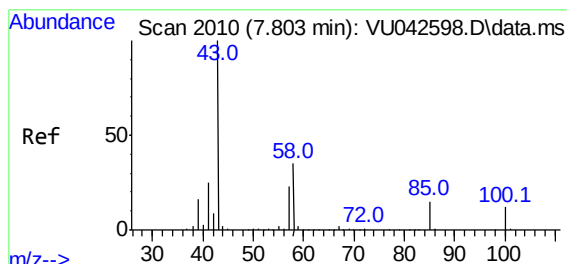
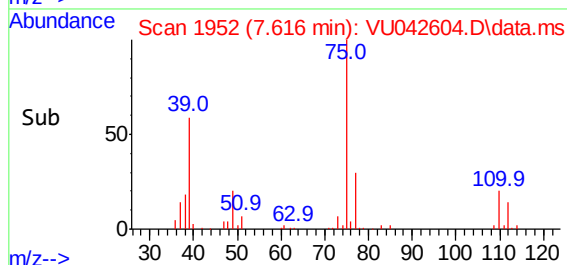
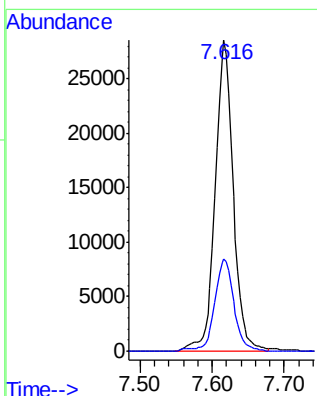
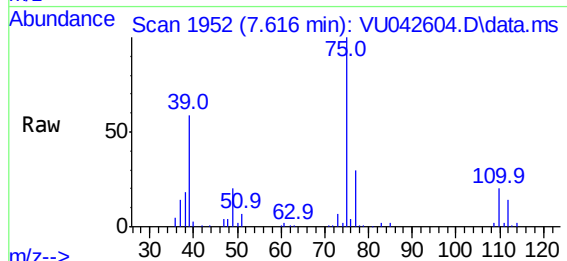




#39  
 cis-1,3-Dichloropropene  
 Concen: 4.81 ug/L  
 RT: 7.616 min Scan# 1952  
 Delta R.T. 0.000 min  
 Lab File: VU042604.D  
 Acq: 12 Mar 2021 11:49

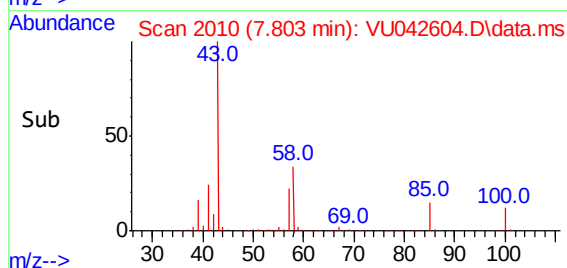
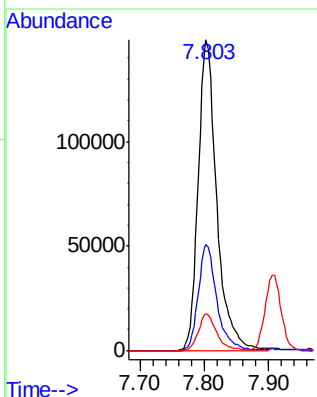
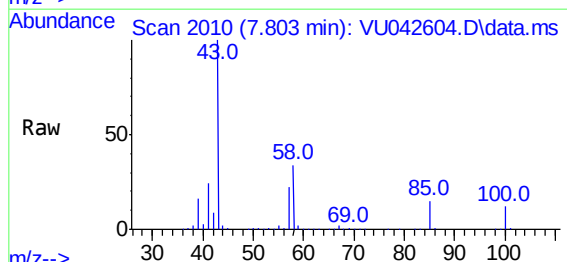
Instrument :  
 MSVOA\_U  
 ClientSampled :  
 VSTD00526

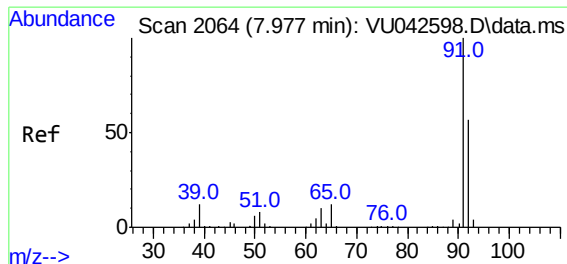
Tgt Ion: 75 Resp: 49326  
 Ion Ratio Lower Upper  
 75 100  
 77 29.8 22.0 40.8



#40  
 4-Methyl-2-pentanone  
 Concen: 48.49 ug/L  
 RT: 7.803 min Scan# 2010  
 Delta R.T. 0.000 min  
 Lab File: VU042604.D  
 Acq: 12 Mar 2021 11:49

Tgt Ion: 43 Resp: 297698  
 Ion Ratio Lower Upper  
 43 100  
 58 33.9 29.1 43.7  
 100 11.6 11.0 16.4

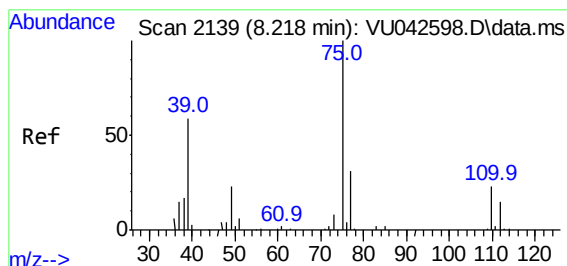
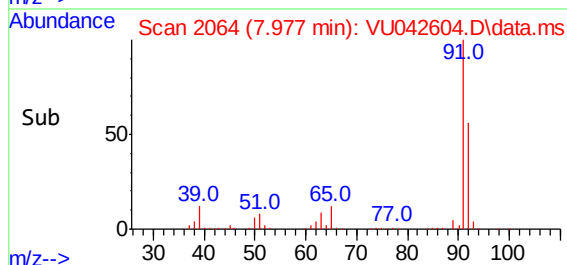
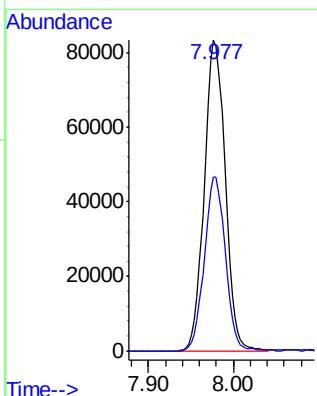
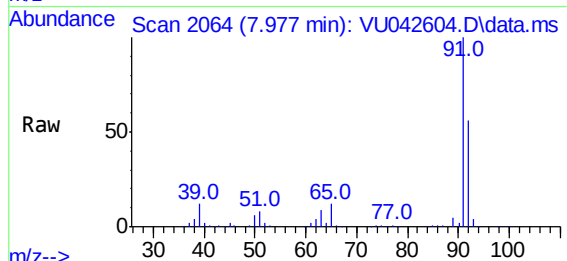




#42  
Toluene  
Concen: 5.01 ug/L  
RT: 7.977 min Scan# 2064  
Delta R.T. 0.000 min  
Lab File: VU042604.D  
Acq: 12 Mar 2021 11:49

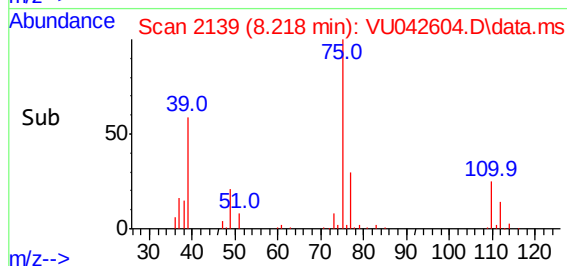
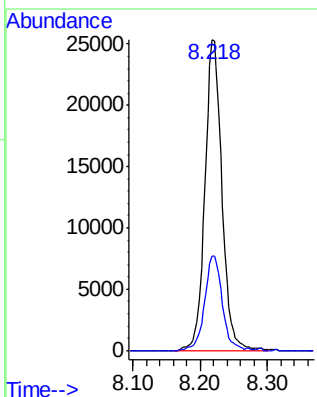
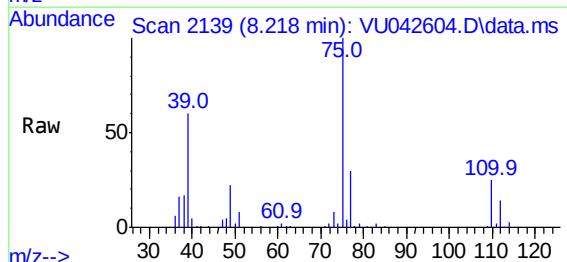
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTD00526

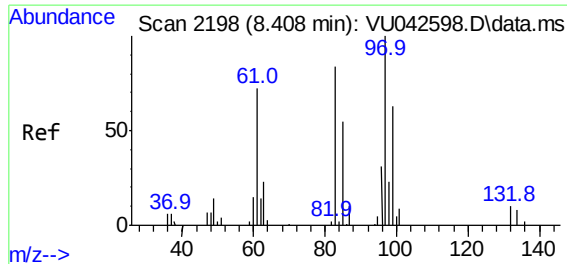
Tgt Ion: 91 Resp: 142548  
Ion Ratio Lower Upper  
91 100  
92 55.9 41.2 76.6



#44  
trans-1,3-Dichloropropene  
Concen: 4.73 ug/L  
RT: 8.218 min Scan# 2139  
Delta R.T. 0.000 min  
Lab File: VU042604.D  
Acq: 12 Mar 2021 11:49

Tgt Ion: 75 Resp: 44749  
Ion Ratio Lower Upper  
75 100  
77 30.2 21.8 40.4



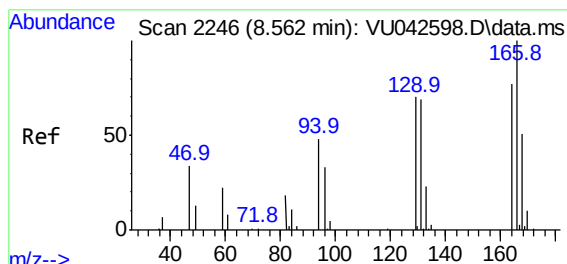
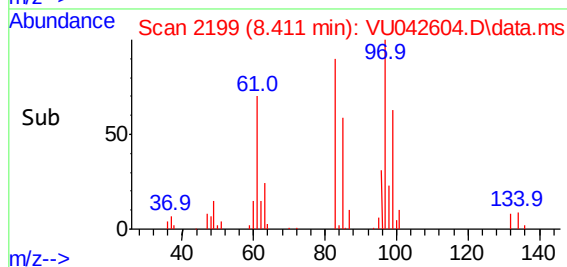
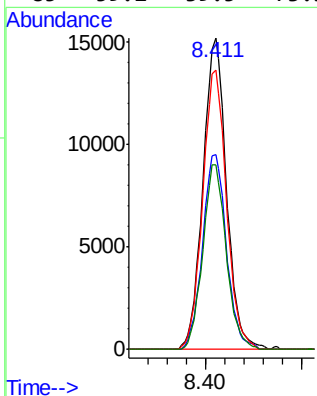
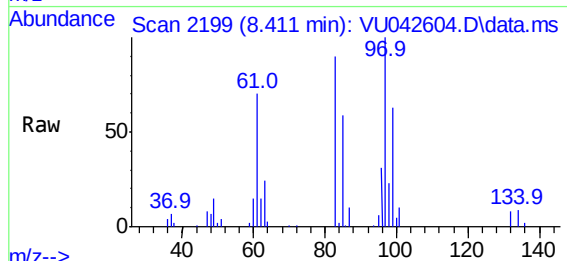


#45  
1,1,2-Trichloroethane  
Concen: 4.93 ug/L  
RT: 8.411 min Scan# 2199  
Delta R.T. 0.003 min  
Lab File: VU042604.D  
Acq: 12 Mar 2021 11:49

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTD00526

Tgt Ion: 97 Resp: 25578

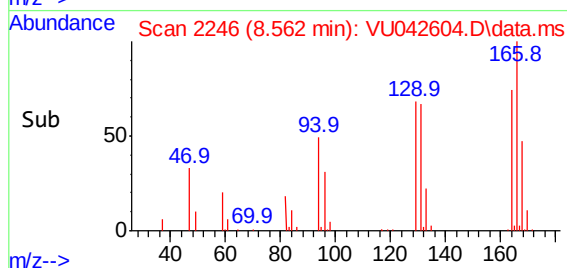
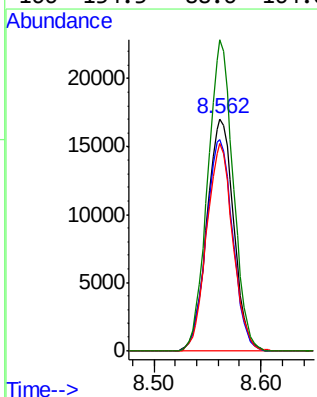
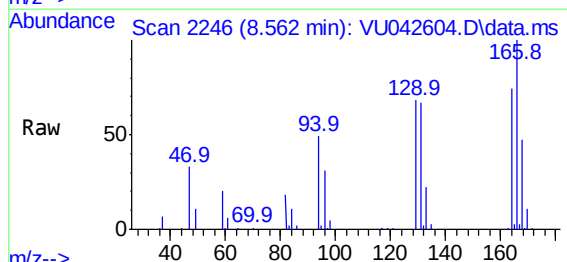
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 99  | 62.5  | 44.0  | 81.8  |
| 83  | 89.8  | 57.6  | 107.0 |
| 85  | 59.2  | 39.5  | 73.3  |

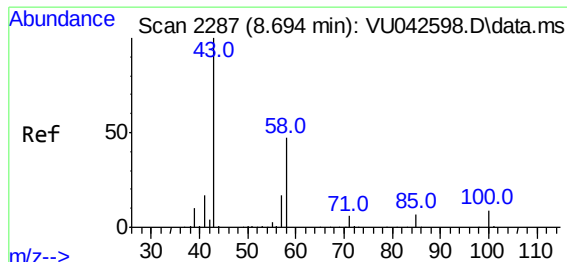


#47  
Tetrachloroethene  
Concen: 4.96 ug/L  
RT: 8.562 min Scan# 2246  
Delta R.T. 0.003 min  
Lab File: VU042604.D  
Acq: 12 Mar 2021 11:49

Tgt Ion: 164 Resp: 29233

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 129 | 91.4  | 64.3  | 119.5 |
| 131 | 89.5  | 62.2  | 115.6 |
| 166 | 134.3 | 88.6  | 164.6 |

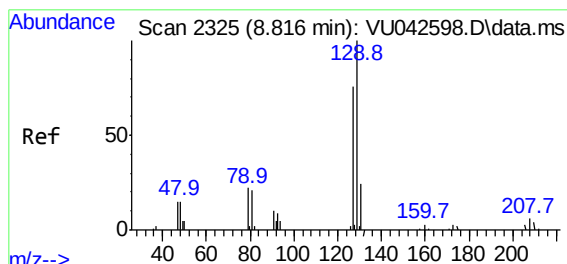
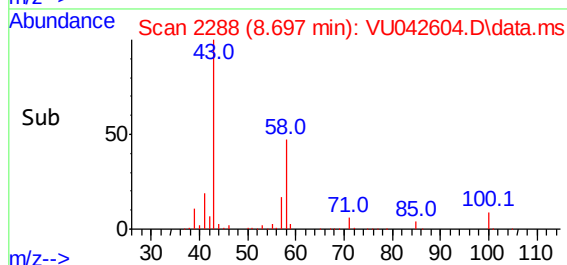
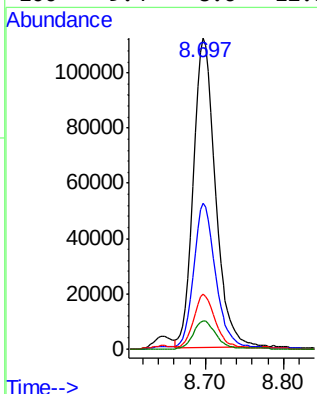
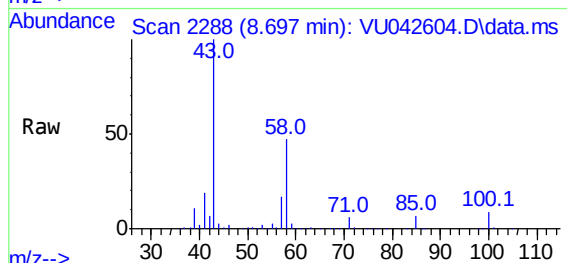




#48  
2-Hexanone  
Concen: 48.02 ug/L  
RT: 8.697 min Scan# 2288  
Delta R.T. 0.003 min  
Lab File: VU042604.D  
Acq: 12 Mar 2021 11:49

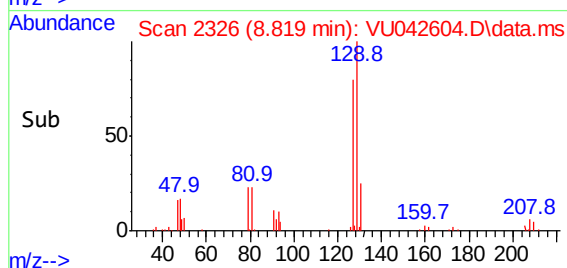
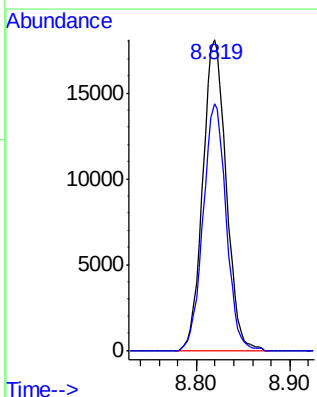
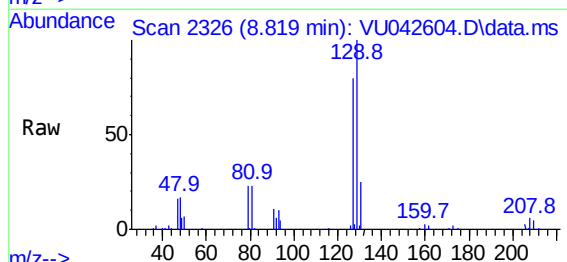
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTD00526

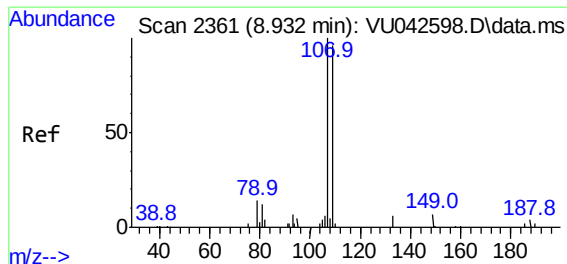
Tgt Ion: 43 Resp: 217507  
Ion Ratio Lower Upper  
43 100  
58 48.1 40.6 61.0  
57 17.4 14.9 22.3  
100 9.4 8.6 12.8



#49  
Dibromochloromethane  
Concen: 4.86 ug/L  
RT: 8.819 min Scan# 2326  
Delta R.T. 0.000 min  
Lab File: VU042604.D  
Acq: 12 Mar 2021 11:49

Tgt Ion: 129 Resp: 31562  
Ion Ratio Lower Upper  
129 100  
127 79.5 52.3 97.1

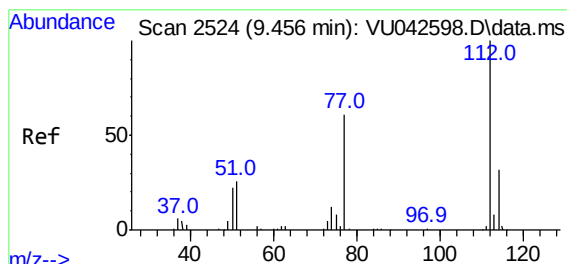
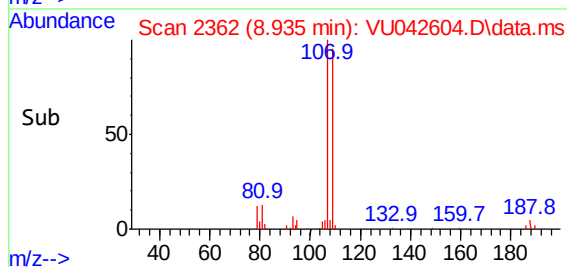
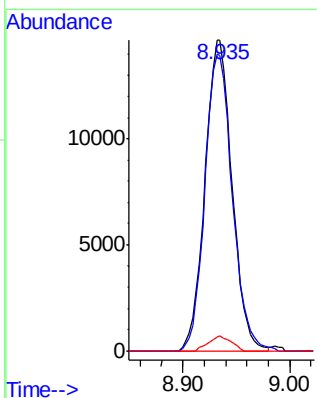
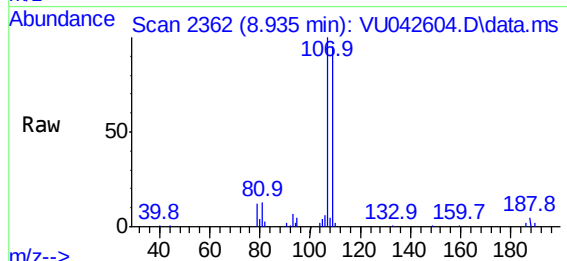




#50  
1,2-Dibromoethane  
Concen: 4.99 ug/L  
RT: 8.935 min Scan# 2362  
Delta R.T. 0.003 min  
Lab File: VU042604.D  
Acq: 12 Mar 2021 11:49

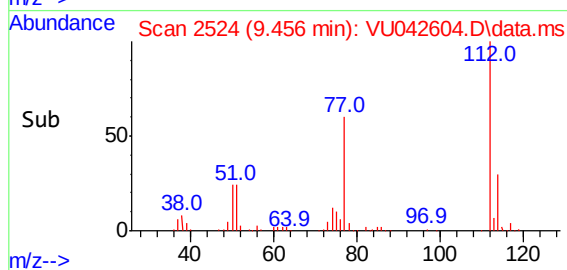
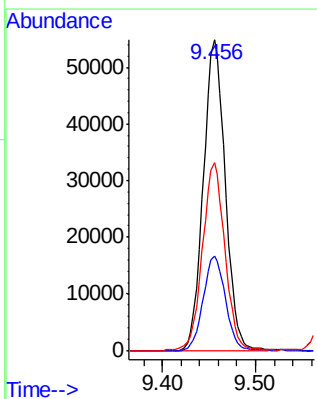
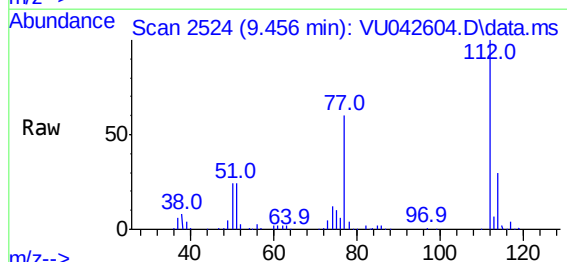
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTD00526

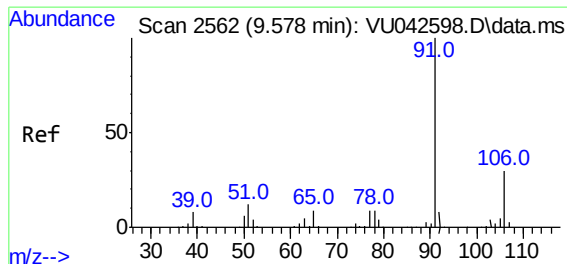
Tgt Ion:107 Resp: 25548  
Ion Ratio Lower Upper  
107 100  
109 94.9 65.5 121.6  
188 4.6 3.4 5.2



#51  
Chlorobenzene  
Concen: 4.93 ug/L  
RT: 9.456 min Scan# 2524  
Delta R.T. 0.003 min  
Lab File: VU042604.D  
Acq: 12 Mar 2021 11:49

Tgt Ion:112 Resp: 89566  
Ion Ratio Lower Upper  
112 100  
114 30.2 22.0 41.0  
77 60.4 49.8 74.6

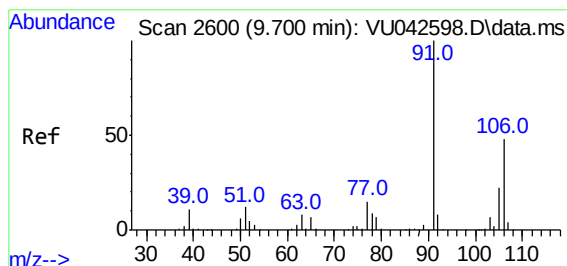
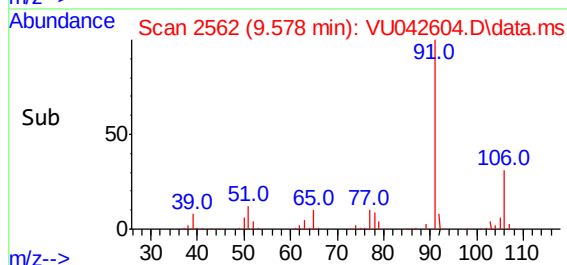
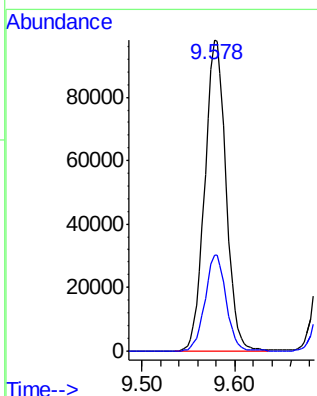
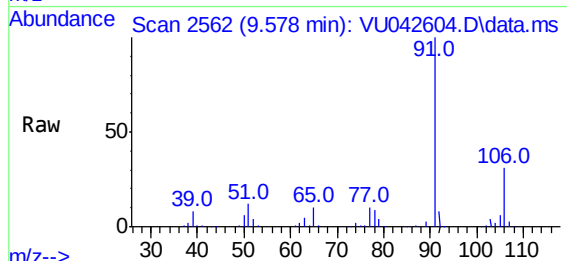




#52  
Ethylbenzene  
Concen: 4.84 ug/L  
RT: 9.578 min Scan# 2562  
Delta R.T. 0.000 min  
Lab File: VU042604.D  
Acq: 12 Mar 2021 11:49

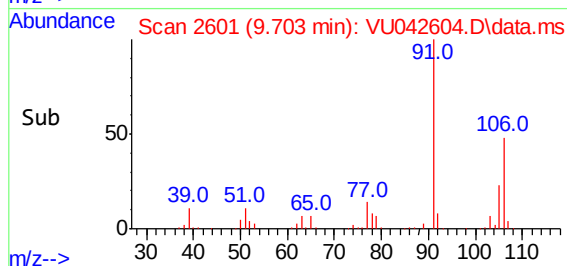
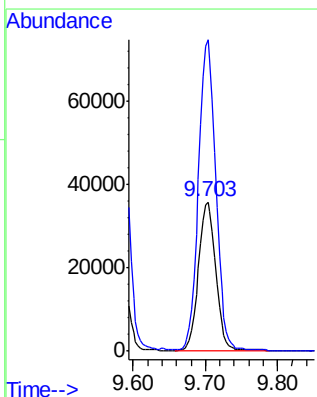
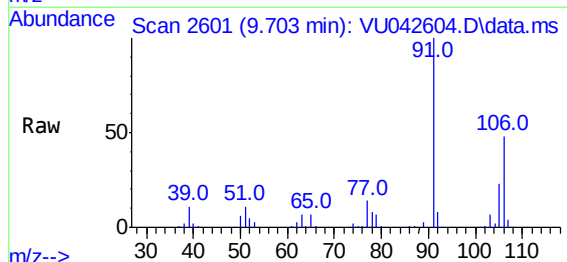
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTD00526

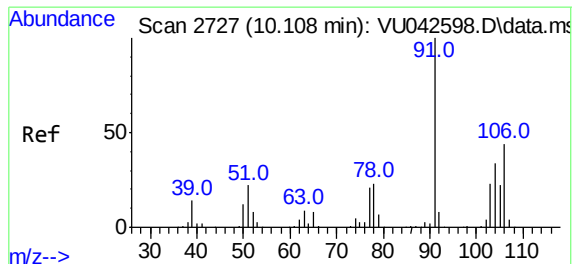
Tgt Ion: 91 Resp: 154979  
Ion Ratio Lower Upper  
91 100  
106 30.9 21.1 39.3



#53  
m,p-Xylene  
Concen: 5.00 ug/L  
RT: 9.703 min Scan# 2601  
Delta R.T. 0.003 min  
Lab File: VU042604.D  
Acq: 12 Mar 2021 11:49

Tgt Ion: 106 Resp: 59248  
Ion Ratio Lower Upper  
106 100  
91 209.5 145.1 269.5

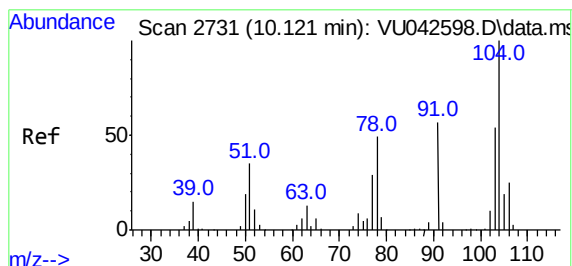
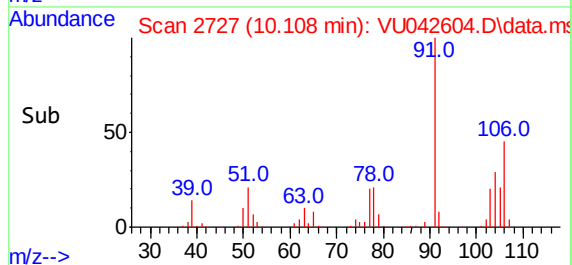
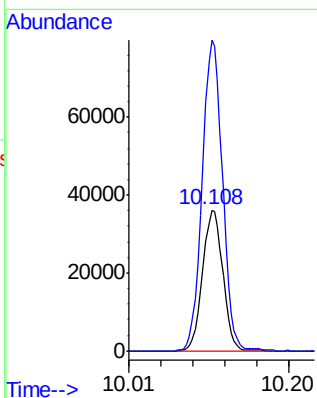
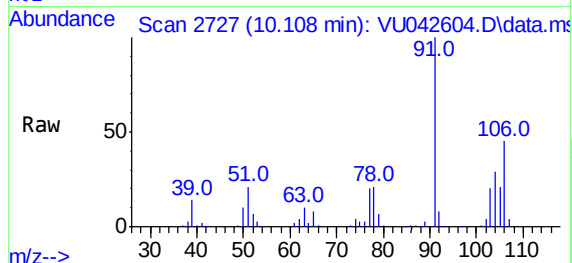




#54  
o-Xylene  
Concen: 5.05 ug/L  
RT: 10.108 min Scan# 2727  
Delta R.T. 0.000 min  
Lab File: VU042604.D  
Acq: 12 Mar 2021 11:49

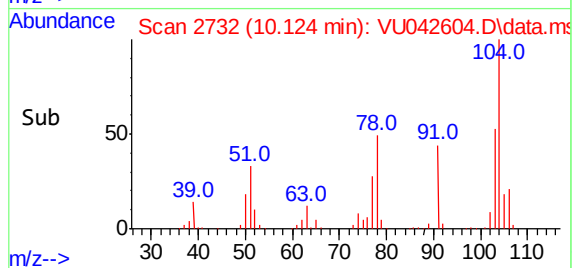
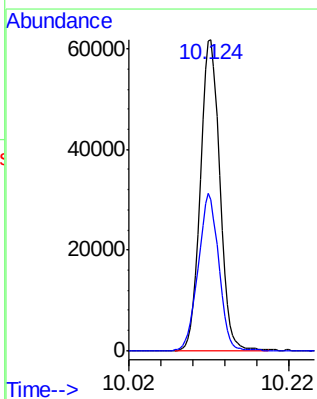
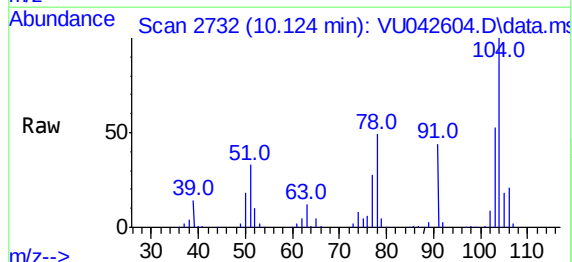
Instrument :  
MSVOA\_U  
ClientSampled :  
VSTD00526

Tgt Ion:106 Resp: 57982  
Ion Ratio Lower Upper  
106 100  
91 220.9 153.0 284.2

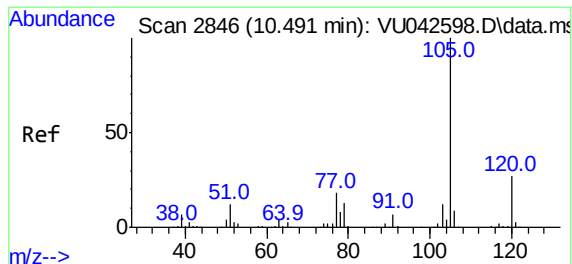


#55  
Styrene  
Concen: 5.11 ug/L  
RT: 10.124 min Scan# 2732  
Delta R.T. 0.003 min  
Lab File: VU042604.D  
Acq: 12 Mar 2021 11:49

Tgt Ion:104 Resp: 99790  
Ion Ratio Lower Upper  
104 100  
78 48.5 34.9 64.7



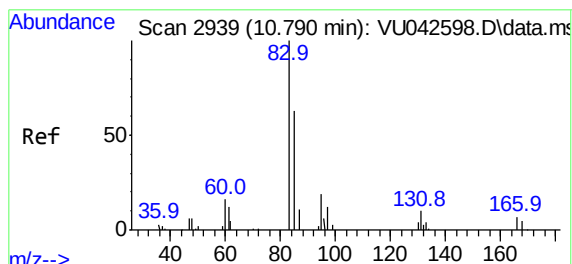
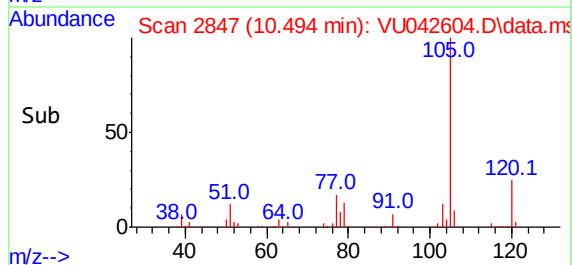
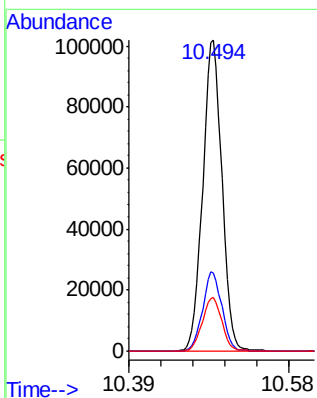
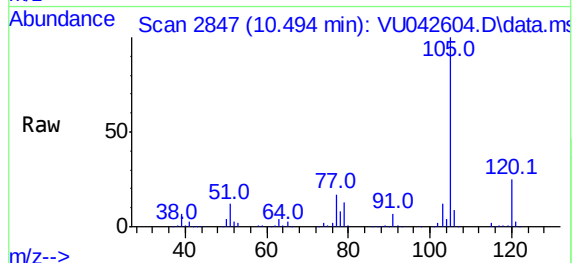




#56  
Isopropylbenzene  
Concen: 5.03 ug/L  
RT: 10.494 min Scan# 2847  
Delta R.T. 0.003 min  
Lab File: VU042604.D  
Acq: 12 Mar 2021 11:49

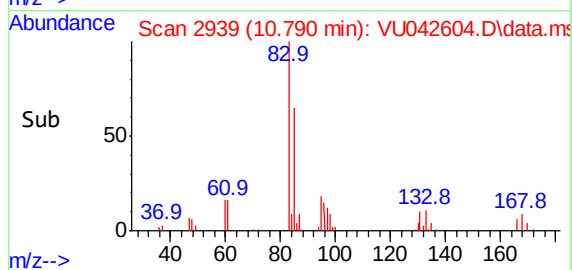
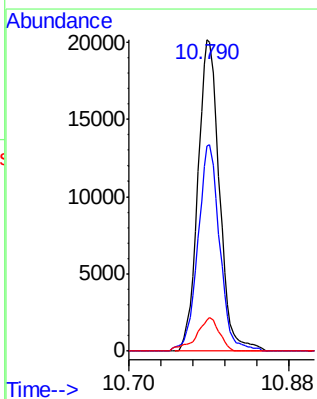
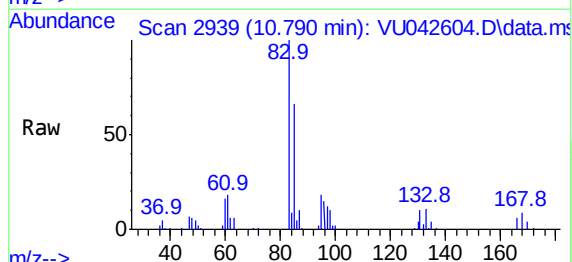
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTD00526

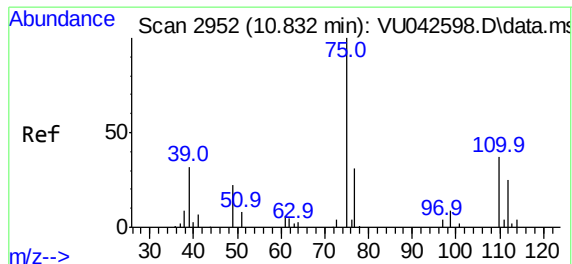
Tgt Ion:105 Resp: 158741  
Ion Ratio Lower Upper  
105 100  
120 25.4 20.8 31.2  
77 17.3 13.4 20.0



#58  
1,1,2,2-Tetrachloroethane  
Concen: 4.76 ug/L  
RT: 10.790 min Scan# 2939  
Delta R.T. 0.000 min  
Lab File: VU042604.D  
Acq: 12 Mar 2021 11:49

Tgt Ion: 83 Resp: 33097  
Ion Ratio Lower Upper  
83 100  
85 65.8 44.4 82.4  
131 9.9 8.6 12.8

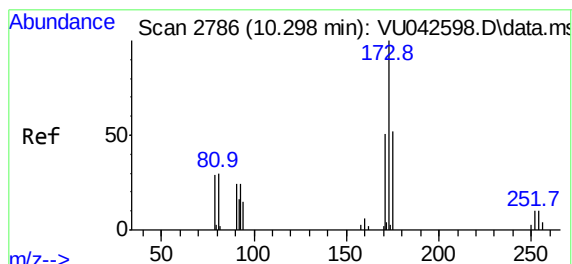
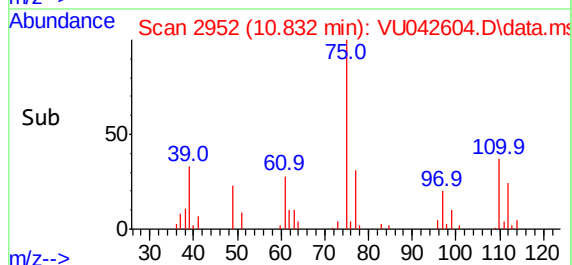
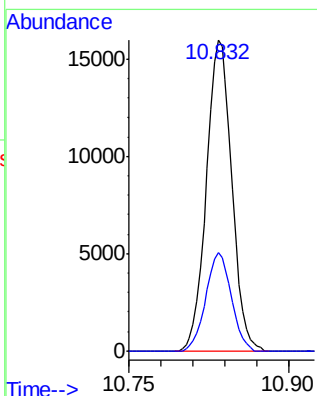
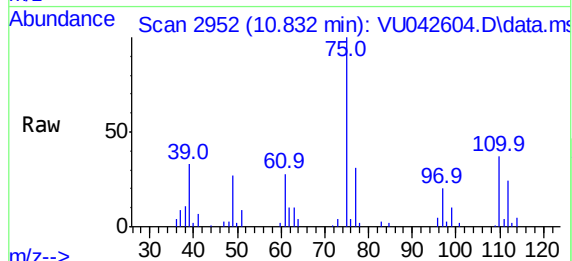




#59  
1,2,3-Trichloropropane  
Concen: 4.77 ug/L  
RT: 10.832 min Scan# 2952  
Delta R.T. 0.000 min  
Lab File: VU042604.D  
Acq: 12 Mar 2021 11:49

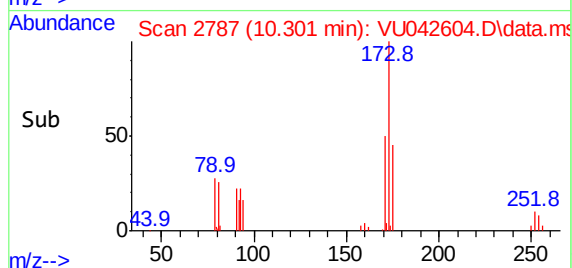
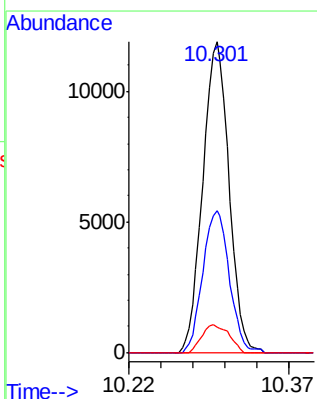
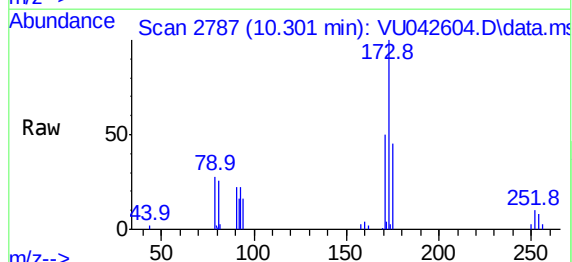
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTD00526

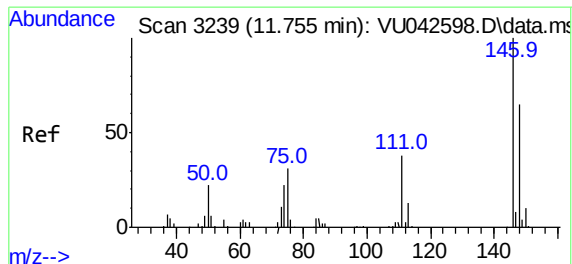
Tgt Ion: 75 Resp: 25263  
Ion Ratio Lower Upper  
75 100  
77 31.7 26.0 39.0



#61  
Bromoform  
Concen: 5.04 ug/L  
RT: 10.301 min Scan# 2787  
Delta R.T. 0.003 min  
Lab File: VU042604.D  
Acq: 12 Mar 2021 11:49

Tgt Ion:173 Resp: 20091  
Ion Ratio Lower Upper  
173 100  
175 46.2 38.7 58.1  
254 9.2 7.9 11.9

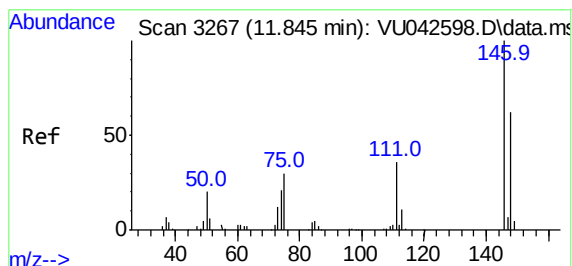
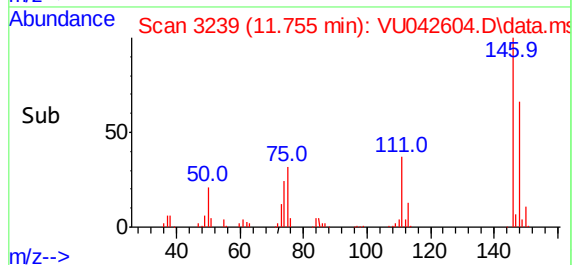
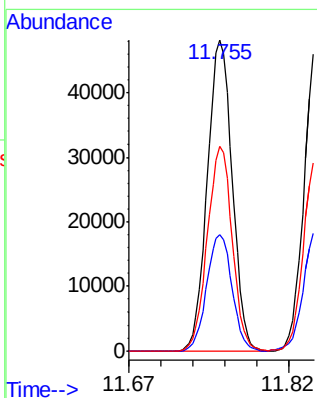
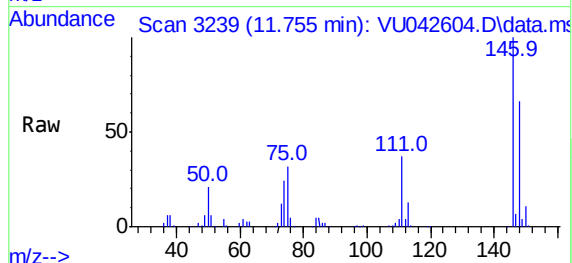




#62  
1,3-Dichlorobenzene  
Concen: 5.06 ug/L  
RT: 11.755 min Scan# 3239  
Delta R.T. 0.003 min  
Lab File: VU042604.D  
Acq: 12 Mar 2021 11:49

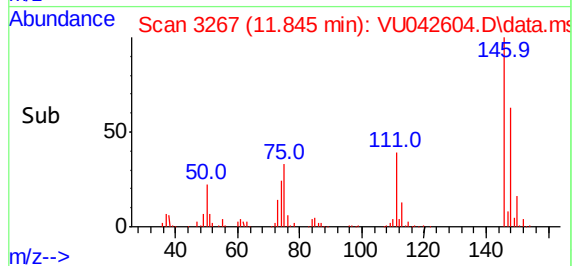
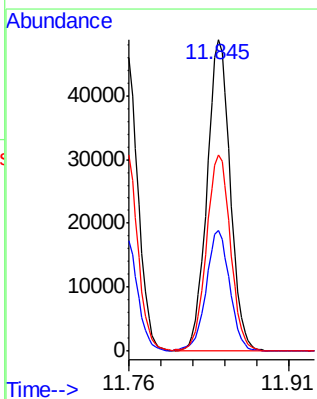
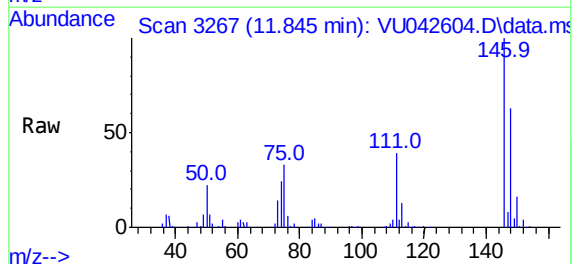
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTD00526

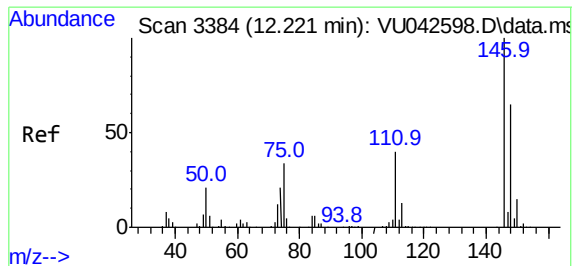
Tgt Ion:146 Resp: 77183  
Ion Ratio Lower Upper  
146 100  
111 37.3 27.2 50.4  
148 65.7 44.6 82.8



#63  
1,4-Dichlorobenzene  
Concen: 4.99 ug/L  
RT: 11.845 min Scan# 3267  
Delta R.T. 0.000 min  
Lab File: VU042604.D  
Acq: 12 Mar 2021 11:49

Tgt Ion:146 Resp: 75848  
Ion Ratio Lower Upper  
146 100  
111 38.6 25.8 47.8  
148 62.9 44.1 81.9

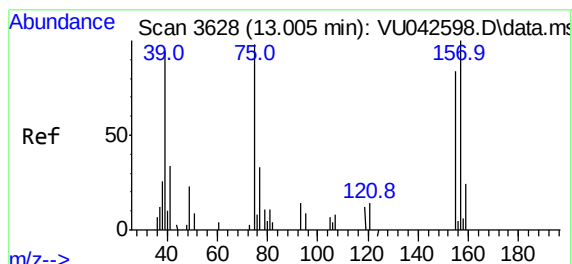
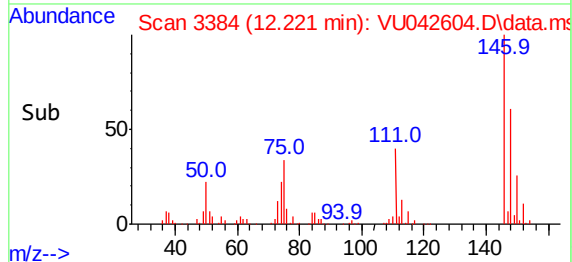
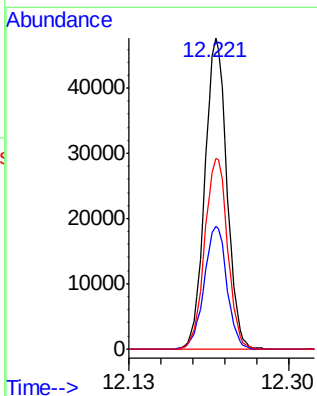
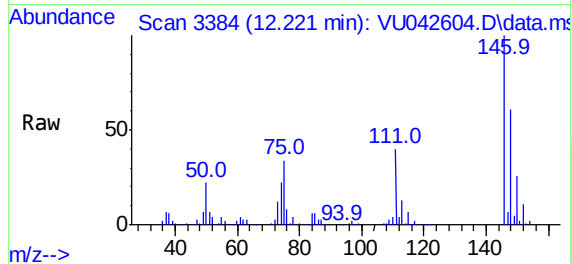




#65  
1,2-Dichlorobenzene  
Concen: 5.11 ug/L  
RT: 12.221 min Scan# 3384  
Delta R.T. 0.000 min  
Lab File: VU042604.D  
Acq: 12 Mar 2021 11:49

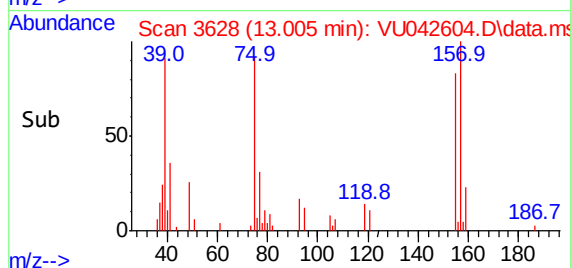
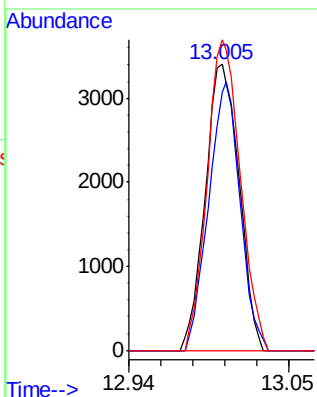
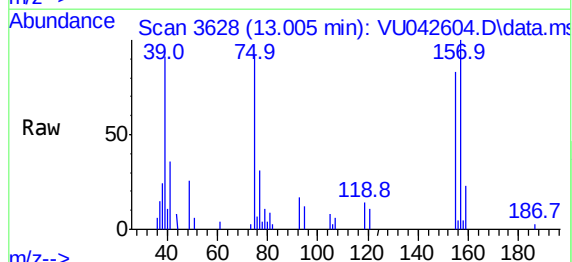
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTD00526

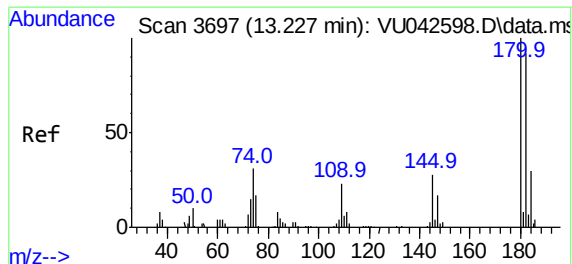
Tgt Ion:146 Resp: 74990  
Ion Ratio Lower Upper  
146 100  
111 39.6 32.7 49.1  
148 61.3 51.7 77.5



#66  
1,2-Dibromo-3-chloropropane  
Concen: 4.47 ug/L  
RT: 13.005 min Scan# 3628  
Delta R.T. 0.000 min  
Lab File: VU042604.D  
Acq: 12 Mar 2021 11:49

Tgt Ion: 75 Resp: 5514  
Ion Ratio Lower Upper  
75 100  
155 90.4 69.0 103.6  
157 108.6 91.0 136.6

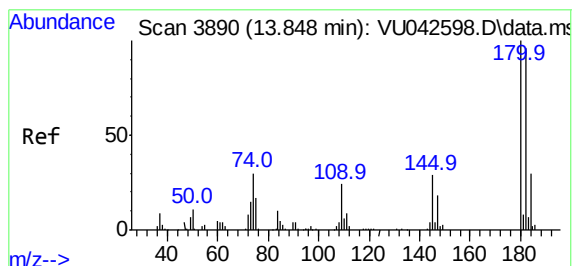
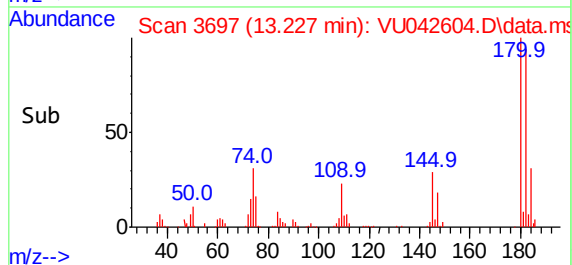
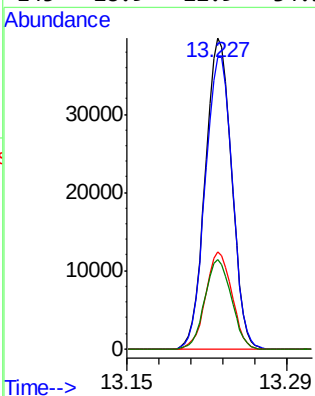
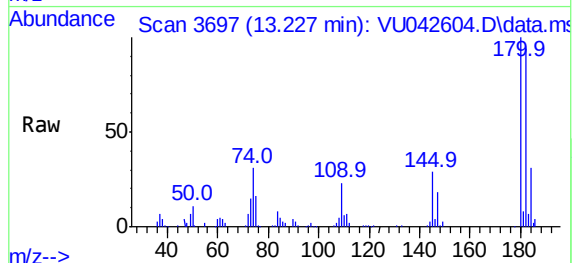




#67  
 1,3,5-Trichlorobenzene  
 Concen: 4.72 ug/L  
 RT: 13.227 min Scan# 3697  
 Delta R.T. 0.000 min  
 Lab File: VU042604.D  
 Acq: 12 Mar 2021 11:49

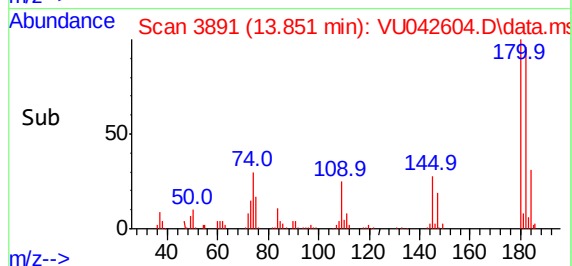
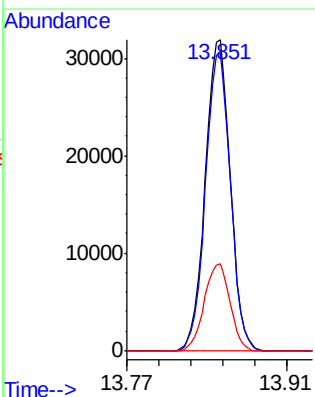
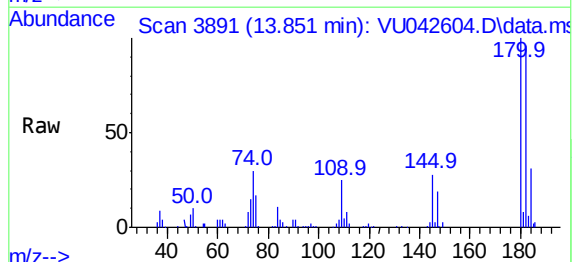
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTD00526

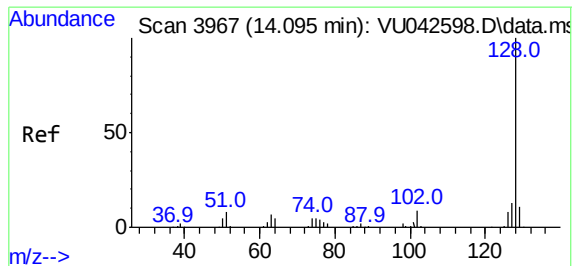
Tgt Ion:180 Resp: 62318  
 Ion Ratio Lower Upper  
 180 100  
 182 96.6 76.4 114.6  
 184 30.8 23.9 35.9  
 145 28.9 22.9 34.3



#68  
 1,2,4-trichlorobenzene  
 Concen: 4.54 ug/L  
 RT: 13.851 min Scan# 3891  
 Delta R.T. 0.003 min  
 Lab File: VU042604.D  
 Acq: 12 Mar 2021 11:49

Tgt Ion:180 Resp: 49643  
 Ion Ratio Lower Upper  
 180 100  
 182 95.9 76.3 114.5  
 145 28.7 23.7 35.5

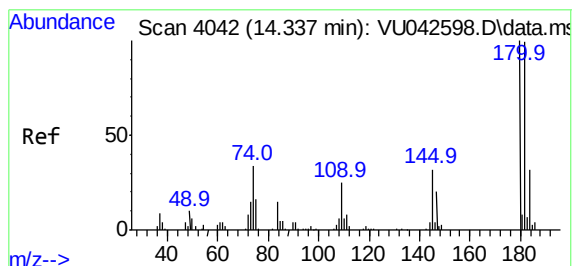
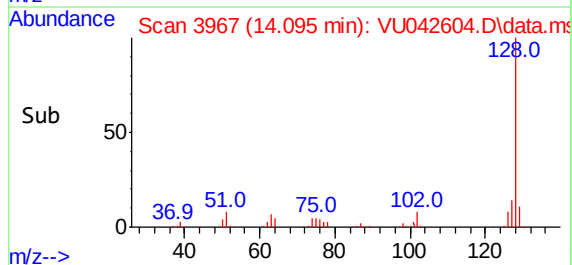
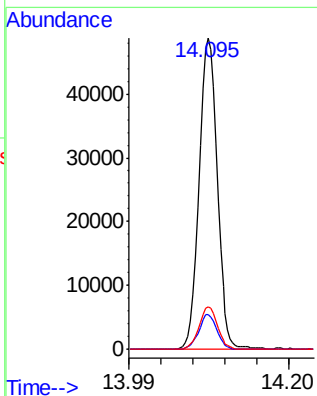
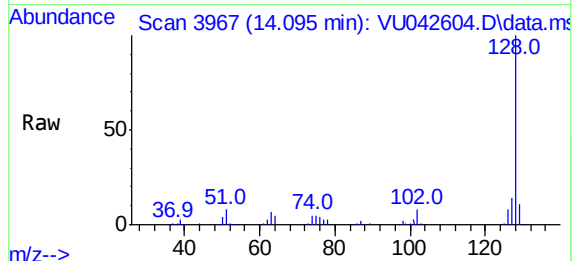




#69  
Naphthalene  
Concen: 4.40 ug/L  
RT: 14.095 min Scan# 3967  
Delta R.T. 0.000 min  
Lab File: VU042604.D  
Acq: 12 Mar 2021 11:49

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTD00526

Tgt Ion:128 Resp: 78181  
Ion Ratio Lower Upper  
128 100  
129 10.8 8.7 13.1  
127 13.5 10.6 15.8



#70  
1,2,3-Trichlorobenzene  
Concen: 4.58 ug/L  
RT: 14.340 min Scan# 4043  
Delta R.T. 0.003 min  
Lab File: VU042604.D  
Acq: 12 Mar 2021 11:49

Tgt Ion:180 Resp: 45438  
Ion Ratio Lower Upper  
180 100  
182 100.5 75.6 113.4  
145 31.3 24.7 37.1

