

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW052521\  
 Data File : VW021385.D  
 Acq On : 25 May 2021 13:11  
 Operator : SY/MD  
 Sample : VSTD02066  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTD020166

Quant Time: May 26 07:19:36 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR052521WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed May 26 07:18:15 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Difluorobenzene        | 5.616  | 114  | 251018   | 5.00   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.853  | 117  | 232555   | 5.00   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.249 | 152  | 131496   | 5.00   | ug/L   | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 4) Vinyl Chloride-d3          | 1.301  | 65   | 224600   | 14.79  | ug/L   | 0.00     |
| 7) Chloroethane-d5            | 1.564  | 69   | 213576   | 16.92  | ug/L   | 0.00     |
| 11) 1,1-Dichloroethene-d2     | 2.105  | 63   | 424547   | 16.26  | ug/L   | 0.00     |
| 20) 2-Butanone-d5             | 3.905  | 46   | 882759   | 206.48 | ug/L   | -0.02    |
| 24) Chloroform-d              | 4.346  | 84   | 629586   | 19.03  | ug/L   | 0.00     |
| 26) 1,2-Dichloroethane-d4     | 5.030  | 65   | 291065   | 18.81  | ug/L   | 0.00     |
| 32) Benzene-d6                | 5.047  | 84   | 1190164  | 17.81  | ug/L   | 0.00     |
| 36) 1,2-Dichloropropane-d6    | 6.069  | 67   | 377982   | 18.26  | ug/L   | 0.00     |
| 41) Toluene-d8                | 7.313  | 98   | 1082577  | 17.38  | ug/L   | 0.00     |
| 43) trans-1,3-Dichloroprop... | 7.619  | 79   | 161225   | 18.39  | ug/L   | 0.00     |
| 46) 2-Hexanone-d5             | 8.088  | 63   | 760786   | 231.46 | ug/L   | 0.00     |
| 56) 1,1,2,2-Tetrachloroeth... | 10.217 | 84   | 298893   | 22.55  | ug/L   | 0.00     |
| 66) 1,2-Dichlorobenzene-d4    | 11.622 | 152  | 481290   | 18.57  | ug/L   | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
| 2) Dichlorodifluoromethane    | 1.127  | 85   | 384311   | 20.55  | ug/L   | 100      |
| 3) Chloromethane              | 1.236  | 50   | 324036   | 19.20  | ug/L   | 100      |
| 5) Vinyl chloride             | 1.307  | 62   | 343444   | 20.01  | ug/L   | 100      |
| 6) Bromomethane               | 1.519  | 94   | 222742   | 19.76  | ug/L   | 99       |
| 8) Chloroethane               | 1.580  | 64   | 203543   | 20.02  | ug/L   | 99       |
| 9) Trichlorofluoromethane     | 1.748  | 101  | 536784   | 21.27  | ug/L   | 100      |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.111  | 101  | 291588   | 20.22  | ug/L   | 97       |
| 12) 1,1-Dichloroethene        | 2.111  | 96   | 270493   | 19.54  | ug/L   | 88       |
| 13) Acetone                   | 2.214  | 43   | 425019   | 182.32 | ug/L # | 30       |
| 14) Carbon disulfide          | 2.288  | 76   | 922874   | 19.29  | ug/L   | 100      |
| 15) Methyl Acetate            | 2.442  | 43   | 139835   | 26.81  | ug/L   | 98       |
| 16) Methylene chloride        | 2.503  | 84   | 373270   | 18.54  | ug/L   | 97       |
| 17) Methyl tert-butyl Ether   | 2.770  | 73   | 813696   | 20.51  | ug/L   | 99       |
| 18) trans-1,2-Dichloroethene  | 2.754  | 96   | 350471   | 20.72  | ug/L   | 98       |
| 19) 1,1-Dichloroethane        | 3.185  | 63   | 610706   | 20.58  | ug/L   | 98       |
| 21) 2-Butanone                | 3.989  | 43   | 846406   | 201.79 | ug/L   | 94       |
| 22) cis-1,2-Dichloroethene    | 3.908  | 96   | 384054   | 20.72  | ug/L   | 100      |
| 23) Bromochloromethane        | 4.246  | 128  | 171849   | 20.82  | ug/L   | 97       |
| 25) Chloroform                | 4.371  | 83   | 624709   | 20.12  | ug/L   | 99       |
| 27) 1,2-Dichloroethane        | 5.130  | 62   | 340344   | 19.91  | ug/L   | 99       |
| 29) 1,1,1-Trichloroethane     | 4.606  | 97   | 586817   | 20.52  | ug/L   | 98       |
| 30) Cyclohexane               | 4.674  | 56   | 559003   | 19.91  | ug/L   | 99       |
| 31) Carbon tetrachloride      | 4.825  | 117  | 539545   | 21.13  | ug/L   | 100      |
| 33) Benzene                   | 5.095  | 78   | 1340177  | 20.45  | ug/L   | 100      |
| 34) Trichloroethene           | 5.911  | 95   | 371396   | 19.07  | ug/L   | 100      |
| 35) Methylcyclohexane         | 6.130  | 83   | 609347   | 20.33  | ug/L   | 99       |
| 37) 1,2-Dichloropropane       | 6.172  | 63   | 340498   | 21.09  | ug/L   | 99       |
| 38) Bromodichloromethane      | 6.510  | 83   | 459592   | 20.82  | ug/L   | 98       |
| 39) cis-1,3-Dichloropropene   | 7.027  | 75   | 546638   | 21.17  | ug/L   | 98       |
| 40) 4-Methyl-2-pentanone      | 7.230  | 43   | 2001789  | 197.50 | ug/L   | 99       |
| 42) Toluene                   | 7.387  | 91   | 1482224  | 20.23  | ug/L   | 100      |
| 44) trans-1,3-Dichloropropene | 7.648  | 75   | 451997   | 20.77  | ug/L   | 100      |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW052521\  
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 Operator : SY/MD  
 Sample : VSTD02066  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 6 Sample Multiplier: 1

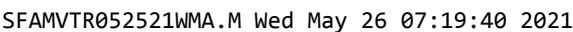
Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTD020166

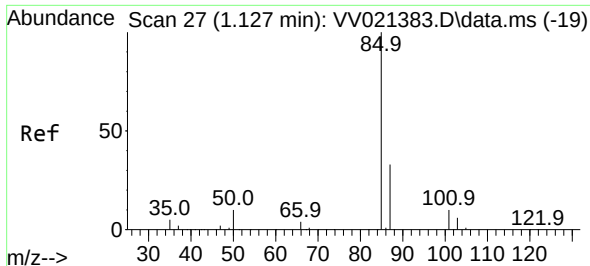
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR052521WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed May 26 07:18:15 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 45) 1,1,2-Trichloroethane     | 7.837  | 97   | 243888   | 20.25  | ug/L  | 98       |
| 47) Tetrachloroethene         | 7.976  | 164  | 338446   | 20.86  | ug/L  | 97       |
| 48) 2-Hexanone                | 8.140  | 43   | 1380315  | 189.24 | ug/L  | 99       |
| 49) Dibromochloromethane      | 8.246  | 129  | 339083   | 20.92  | ug/L  | 97       |
| 50) 1,2-Dibromoethane         | 8.352  | 107  | 235088   | 20.29  | ug/L  | 99       |
| 51) Chlorobenzene             | 8.879  | 112  | 987085   | 20.39  | ug/L  | 99       |
| 52) Ethylbenzene              | 9.011  | 91   | 1666655  | 20.38  | ug/L  | 99       |
| 53) m,p-xylene                | 9.136  | 106  | 643702   | 20.48  | ug/L  | 98       |
| 54) o-xylene                  | 9.542  | 106  | 625400   | 20.38  | ug/L  | 99       |
| 55) Styrene                   | 9.558  | 104  | 1068395  | 20.73  | ug/L  | 99       |
| 57) 1,1,2,2-Tetrachloroethane | 10.239 | 83   | 285434   | 24.72  | ug/L  | 96       |
| 59) Bromoform                 | 9.731  | 173  | 218372   | 22.03  | ug/L  | 98       |
| 60) Isopropylbenzene          | 9.931  | 105  | 1708939  | 20.21  | ug/L  | 100      |
| 61) 1,2,3-Trichloropropane    | 10.271 | 75   | 201133   | 20.60  | ug/L  | 98       |
| 62) 1,3,5-Trimethylbenzene    | 10.538 | 105  | 1468943  | 20.36  | ug/L  | 100      |
| 63) 1,2,4-Trimethylbenzene    | 10.911 | 105  | 1509386  | 20.50  | ug/L  | 100      |
| 64) 1,3-Dichlorobenzene       | 11.181 | 146  | 861544   | 21.19  | ug/L  | 99       |
| 65) 1,4-Dichlorobenzene       | 11.271 | 146  | 853095   | 21.00  | ug/L  | 99       |
| 67) 1,2-Dichlorobenzene       | 11.641 | 146  | 784468   | 20.85  | ug/L  | 100      |
| 68) 1,2-Dibromo-3-chloropr... | 12.426 | 75   | 51159    | 25.07  | ug/L  | 97       |
| 69) 1,3,5-Trichlorobenzene    | 12.644 | 180  | 793834   | 22.43  | ug/L  | 100      |
| 70) 1,2,4-trichlorobenzene    | 13.258 | 180  | 676815   | 24.14  | ug/L  | 100      |
| 71) Naphthalene               | 13.500 | 128  | 1058182  | 26.89  | ug/L  | 100      |
| 72) 1,2,3-Trichlorobenzene    | 13.741 | 180  | 585599   | 23.74  | ug/L  | 100      |

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

Quant Time: May 26 07:19:36 2021  
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QLast Update : Wed May 26 07:18:15 2021  
Response via : Initial Calibration

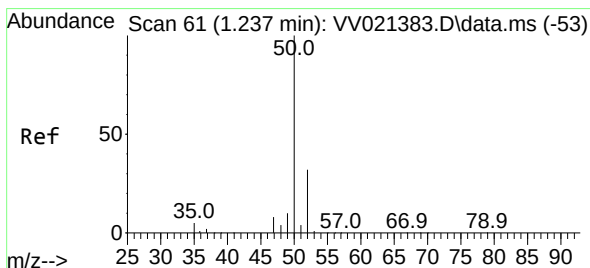
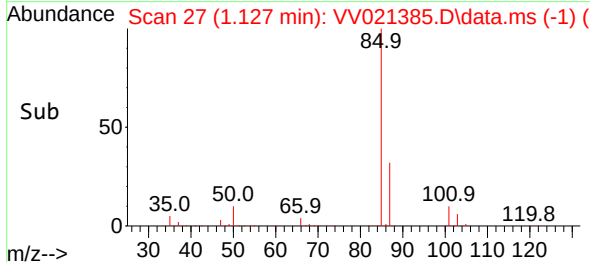
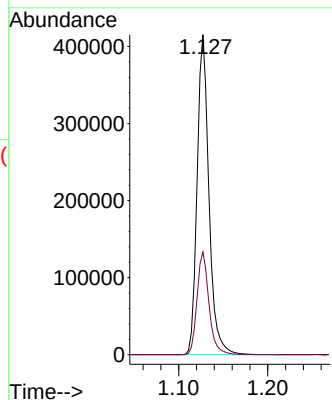
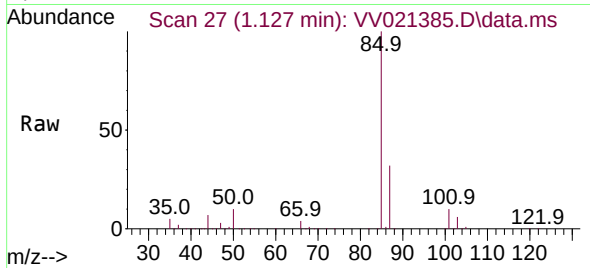




#2  
 Dichlorodifluoromethane  
 Concen: 20.55 ug/L  
 RT: 1.127 min Scan# 27  
 Delta R.T. -0.000 min  
 Lab File: VV021385.D  
 Acq: 25 May 2021 13:11

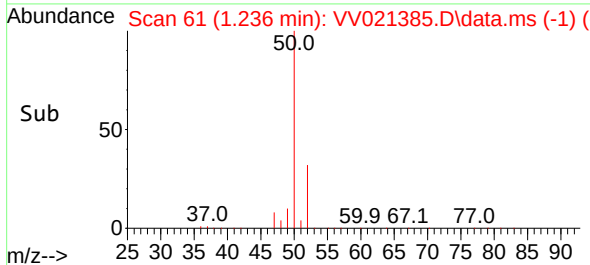
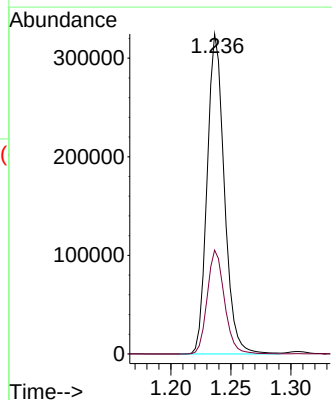
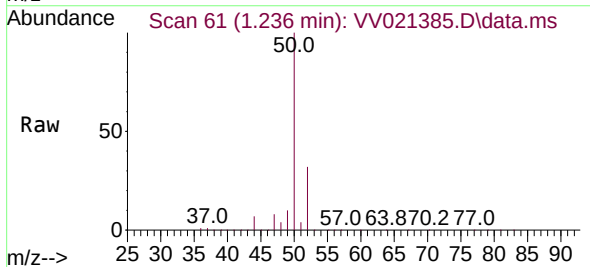
Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTD020166

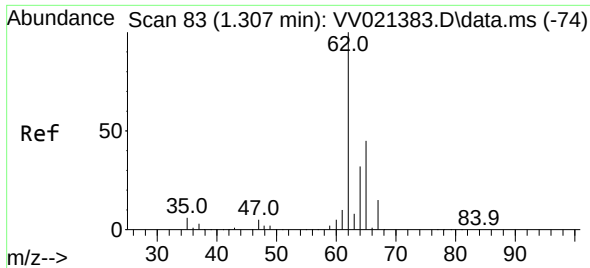
Tgt Ion: 85 Resp: 384311  
 Ion Ratio Lower Upper  
 85 100  
 87 32.4 26.1 39.1



#3  
 Chloromethane  
 Concen: 19.20 ug/L  
 RT: 1.236 min Scan# 61  
 Delta R.T. -0.000 min  
 Lab File: VV021385.D  
 Acq: 25 May 2021 13:11

Tgt Ion: 50 Resp: 324036  
 Ion Ratio Lower Upper  
 50 100  
 52 32.4 22.6 42.0

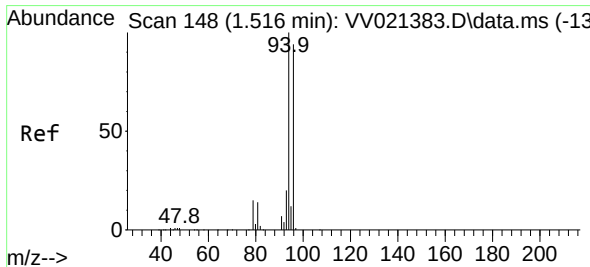
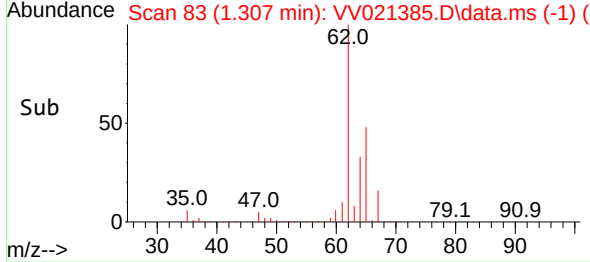
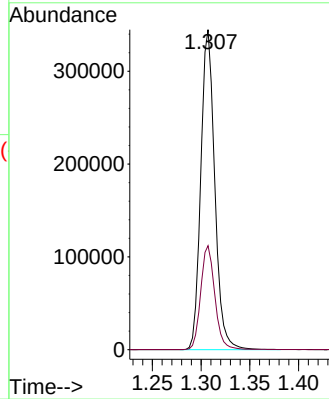
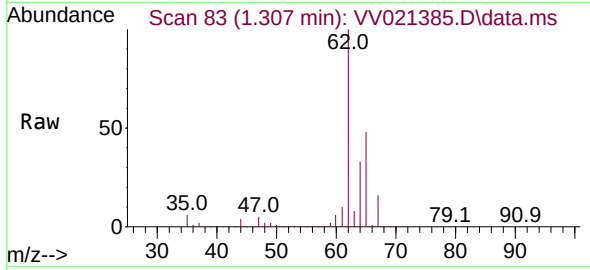




#5  
 Vinyl chloride  
 Concen: 20.01 ug/L  
 RT: 1.307 min Scan# 83  
 Delta R.T. -0.000 min  
 Lab File: VV021385.D  
 Acq: 25 May 2021 13:11

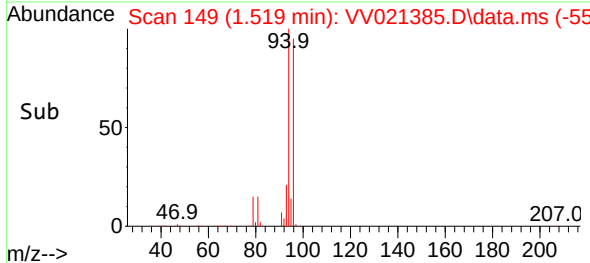
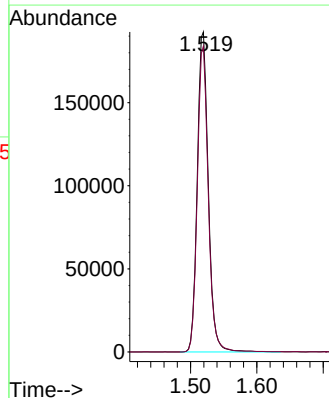
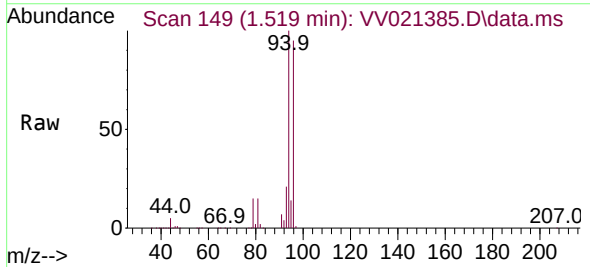
Instrument :  
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 ClientSampleId :  
 VSTD020166

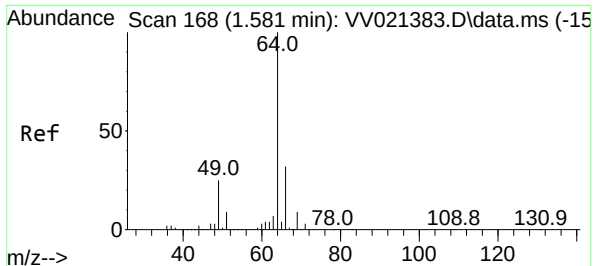
Tgt Ion: 62 Resp: 343444  
 Ion Ratio Lower Upper  
 62 100  
 64 32.5 22.6 42.0



#6  
 Bromomethane  
 Concen: 19.76 ug/L  
 RT: 1.519 min Scan# 149  
 Delta R.T. 0.003 min  
 Lab File: VV021385.D  
 Acq: 25 May 2021 13:11

Tgt Ion: 94 Resp: 222742  
 Ion Ratio Lower Upper  
 94 100  
 96 95.5 65.9 122.3

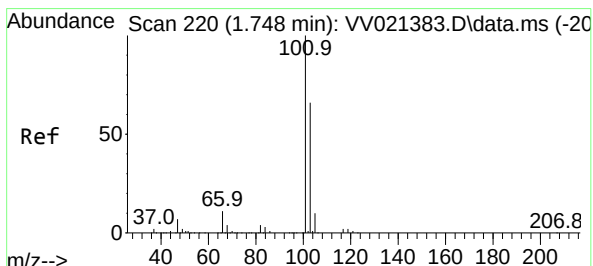
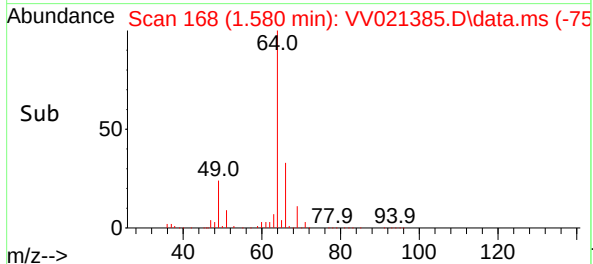
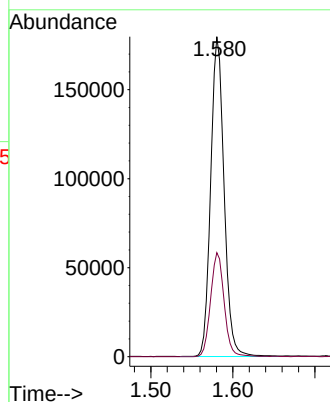
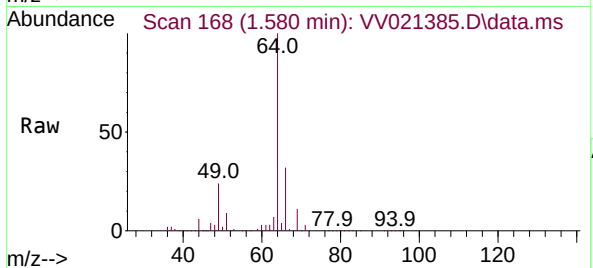




#8  
Chloroethane  
Concen: 20.02 ug/L  
RT: 1.580 min Scan# 168  
Delta R.T. -0.000 min  
Lab File: VV021385.D  
Acq: 25 May 2021 13:11

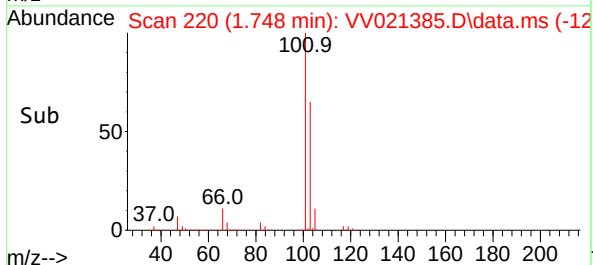
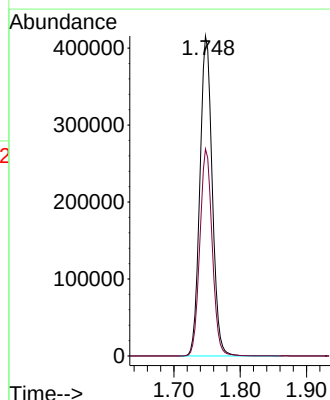
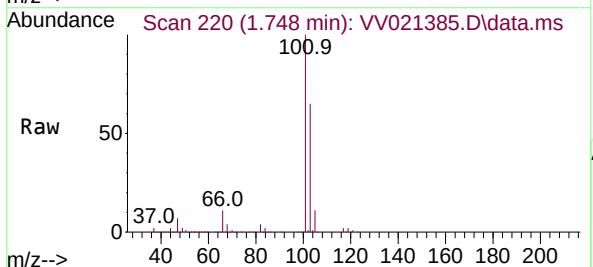
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTD020166

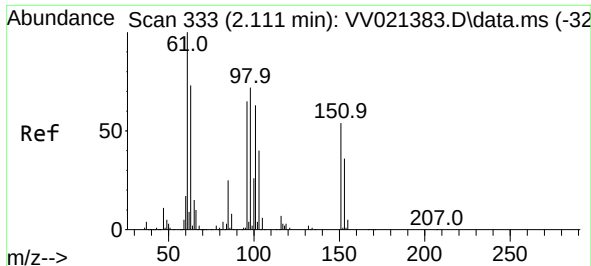
Tgt Ion: 64 Resp: 203543  
Ion Ratio Lower Upper  
64 100  
66 32.5 22.3 41.3



#9  
Trichlorofluoromethane  
Concen: 21.27 ug/L  
RT: 1.748 min Scan# 220  
Delta R.T. -0.000 min  
Lab File: VV021385.D  
Acq: 25 May 2021 13:11

Tgt Ion:101 Resp: 536784  
Ion Ratio Lower Upper  
101 100  
103 65.0 52.0 78.0





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 20.22 ug/L

RT: 2.111 min Scan# 333

Delta R.T. -0.000 min

Lab File: VV021385.D

Acq: 25 May 2021 13:11

Tgt Ion:101 Resp: 291588

Ion Ratio Lower Upper

101 100

85 41.4 32.6 48.8

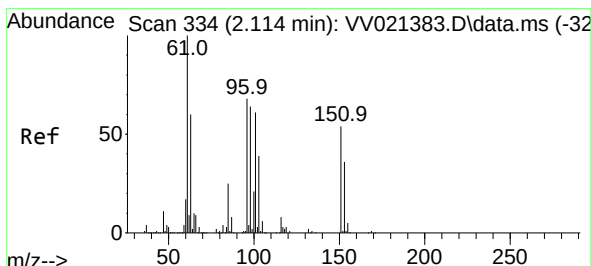
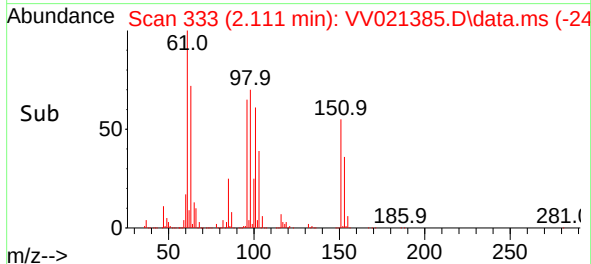
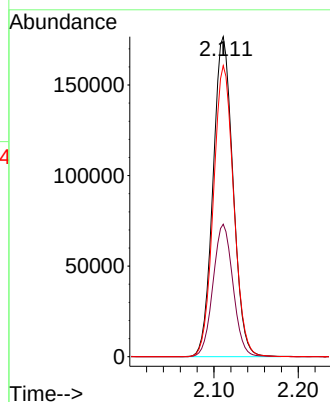
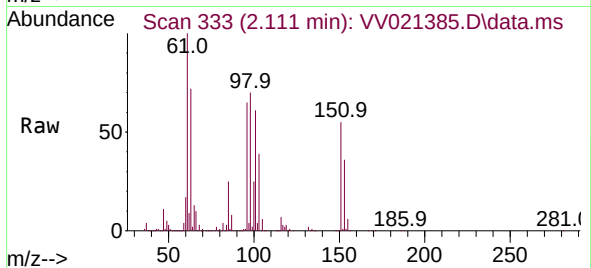
151 92.0 70.7 106.1

Instrument :

MSVOA\_V

ClientSampleId :

VSTD020166



#12

1,1-Dichloroethene

Concen: 19.54 ug/L

RT: 2.111 min Scan# 333

Delta R.T. -0.003 min

Lab File: VV021385.D

Acq: 25 May 2021 13:11

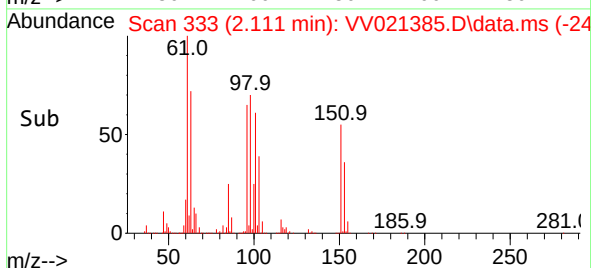
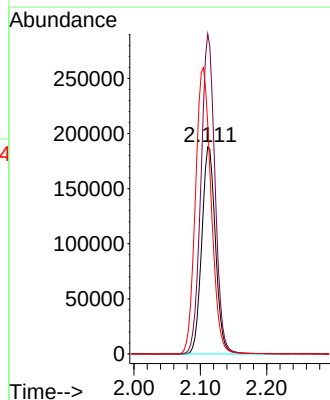
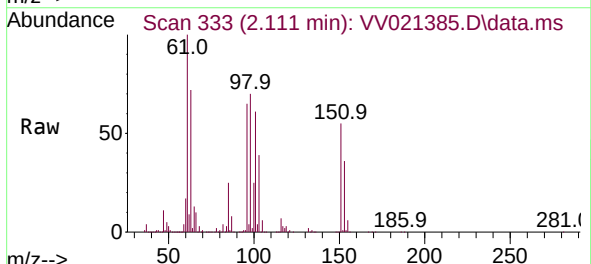
Tgt Ion: 96 Resp: 270493

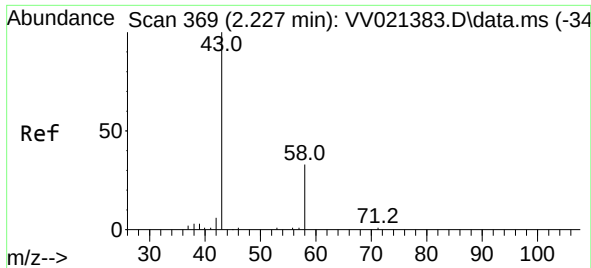
Ion Ratio Lower Upper

96 100

61 154.6 103.7 192.5

63 111.3 62.4 115.8

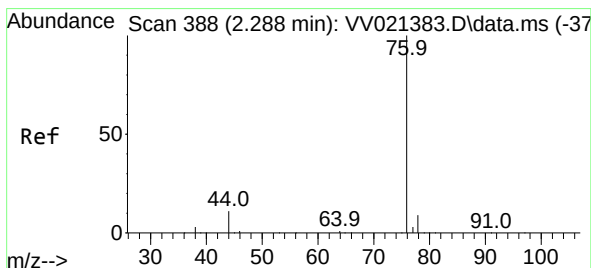
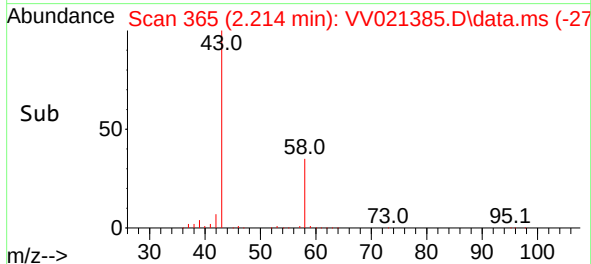
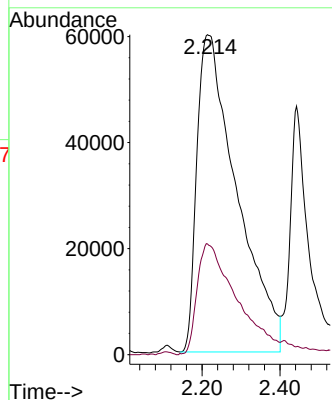
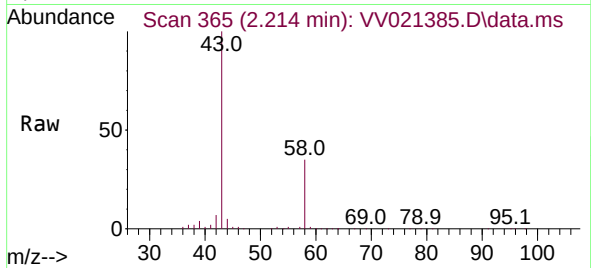




#13  
Acetone  
Concen: 182.32 ug/L  
RT: 2.214 min Scan# 365  
Delta R.T. -0.013 min  
Lab File: VV021385.D  
Acq: 25 May 2021 13:11

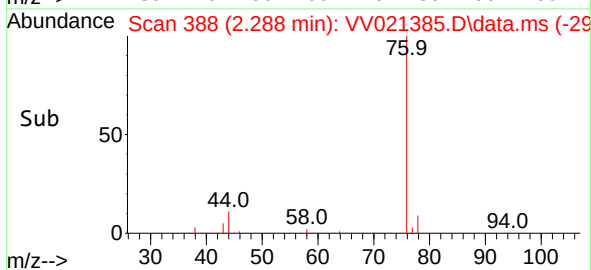
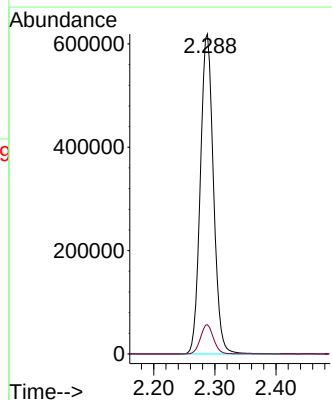
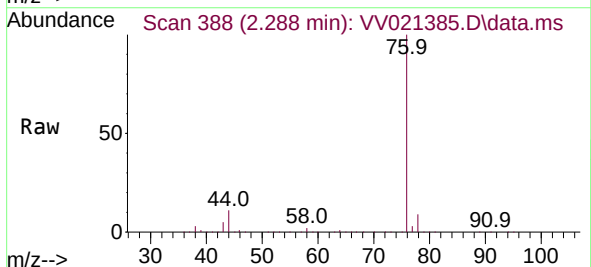
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MSVOA\_V  
ClientSampleId :  
VSTD020166

Tgt Ion: 43 Resp: 425019  
Ion Ratio Lower Upper  
43 100  
58 34.7 0.0 18.6#

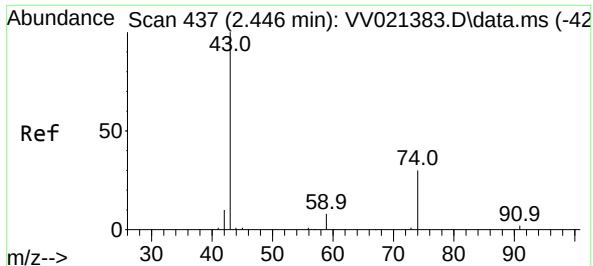


#14  
Carbon disulfide  
Concen: 19.29 ug/L  
RT: 2.288 min Scan# 388  
Delta R.T. -0.000 min  
Lab File: VV021385.D  
Acq: 25 May 2021 13:11

Tgt Ion: 76 Resp: 922874  
Ion Ratio Lower Upper  
76 100  
78 9.2 7.4 11.0



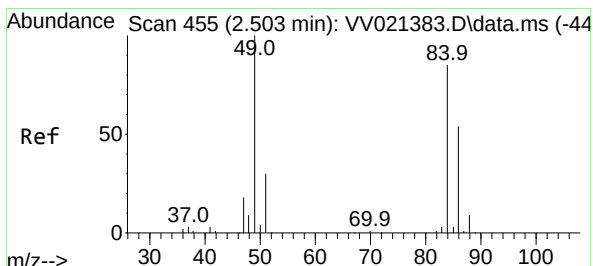
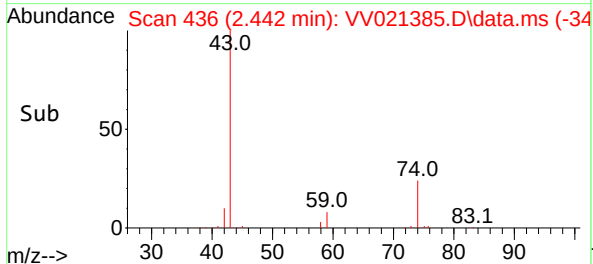
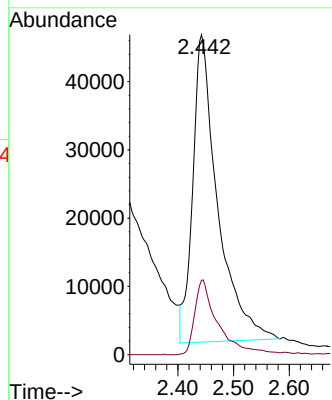
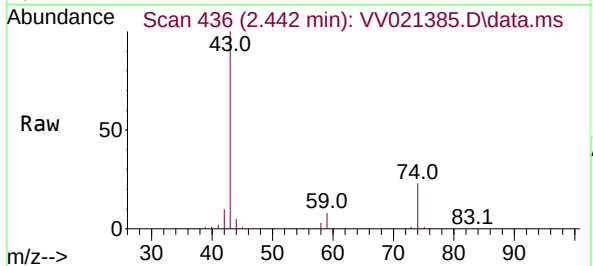




#15  
Methyl Acetate  
Concen: 26.81 ug/L  
RT: 2.442 min Scan# 436  
Delta R.T. -0.003 min  
Lab File: VV021385.D  
Acq: 25 May 2021 13:11

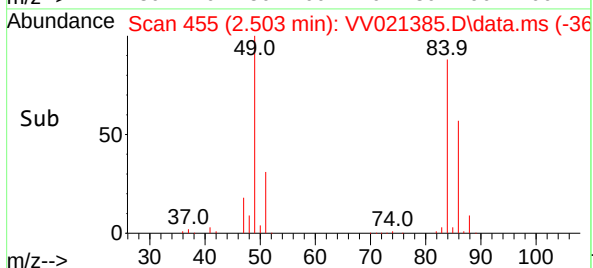
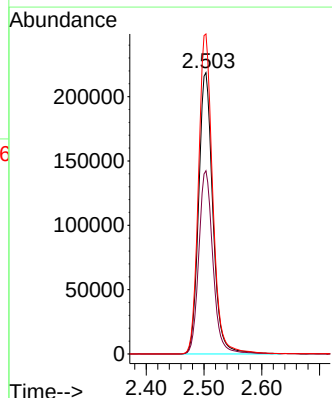
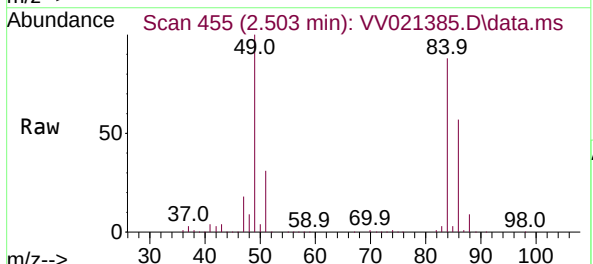
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTD020166

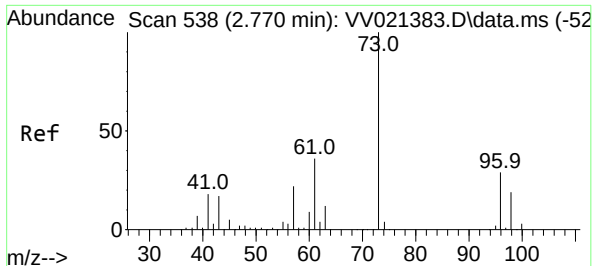
Tgt Ion: 43 Resp: 139835  
Ion Ratio Lower Upper  
43 100  
74 22.7 18.8 28.2



#16  
Methylene chloride  
Concen: 18.54 ug/L  
RT: 2.503 min Scan# 455  
Delta R.T. -0.000 min  
Lab File: VV021385.D  
Acq: 25 May 2021 13:11

Tgt Ion: 84 Resp: 373270  
Ion Ratio Lower Upper  
84 100  
86 65.2 44.7 82.9  
49 113.8 82.7 153.5

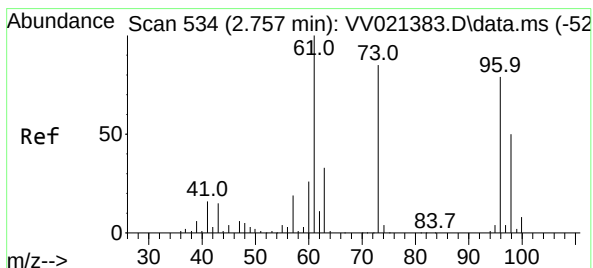
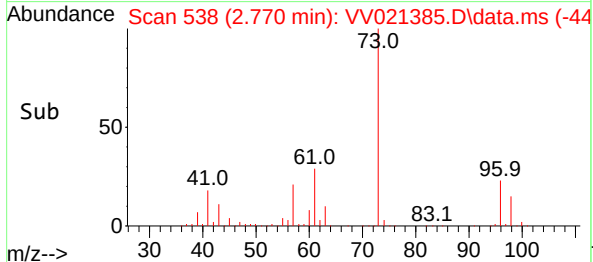
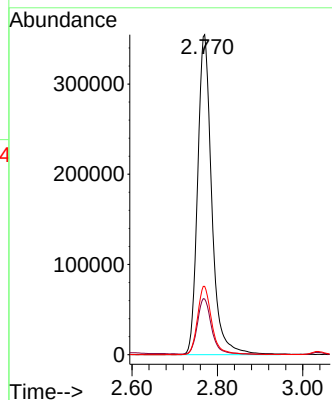
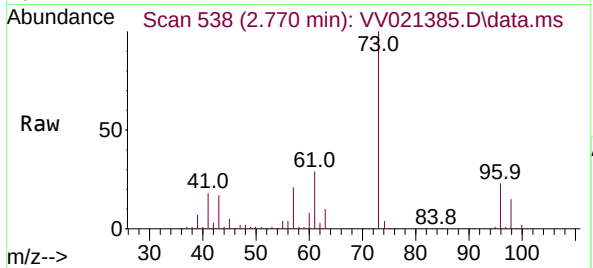




#17  
Methyl tert-butyl Ether  
Concen: 20.51 ug/L  
RT: 2.770 min Scan# 538  
Delta R.T. -0.000 min  
Lab File: VV021385.D  
Acq: 25 May 2021 13:11

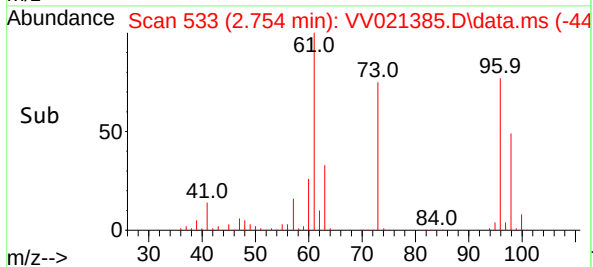
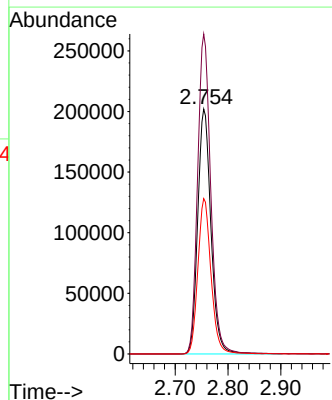
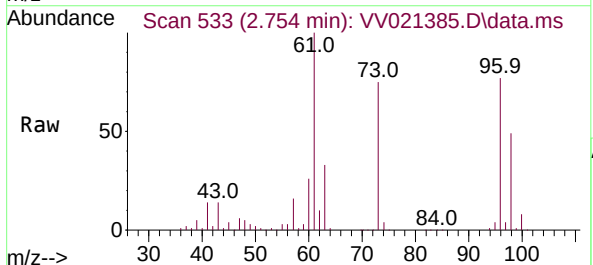
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTD020166

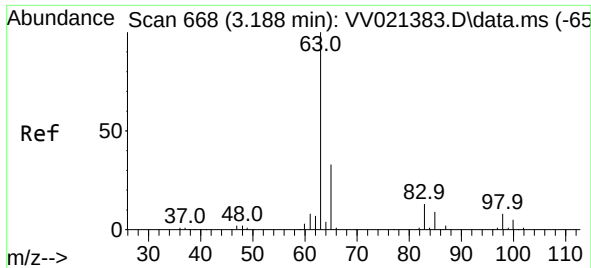
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 73    | Resp: | 813696 |
| Ion      | Ratio | Lower | Upper  |
| 73       | 100   |       |        |
| 43       | 17.0  | 13.4  | 20.2   |
| 57       | 21.4  | 17.8  | 26.8   |



#18  
trans-1,2-Dichloroethene  
Concen: 20.72 ug/L  
RT: 2.754 min Scan# 533  
Delta R.T. -0.003 min  
Lab File: VV021385.D  
Acq: 25 May 2021 13:11

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 96    | Resp: | 350471 |
| Ion      | Ratio | Lower | Upper  |
| 96       | 100   |       |        |
| 61       | 130.6 | 88.7  | 164.7  |
| 98       | 63.4  | 44.4  | 82.4   |





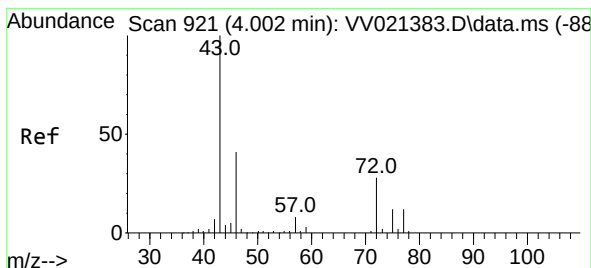
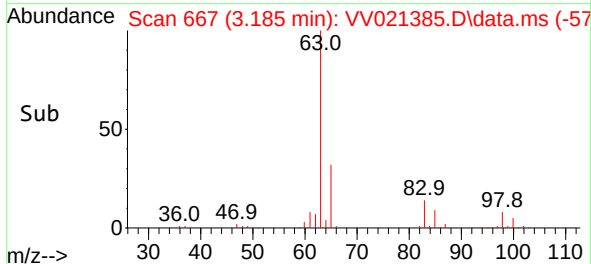
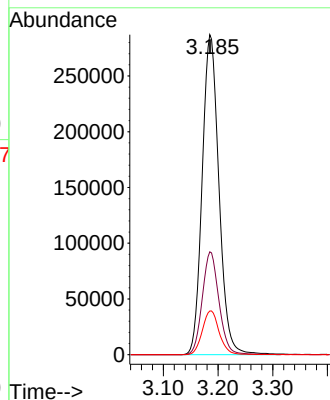
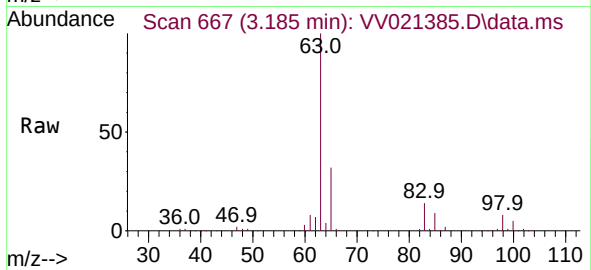
#19

1,1-Dichloroethane  
Concen: 20.58 ug/L  
RT: 3.185 min Scan# 667  
Delta R.T. -0.003 min  
Lab File: VV021385.D  
Acq: 25 May 2021 13:11

Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTD020166

Tgt Ion: 63 Resp: 610706

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 63  | 100   |       |       |
| 65  | 32.1  | 23.2  | 43.2  |
| 83  | 13.7  | 9.4   | 17.4  |

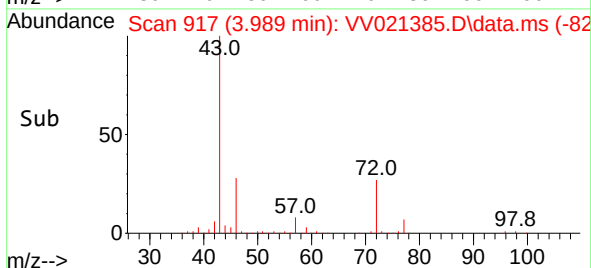
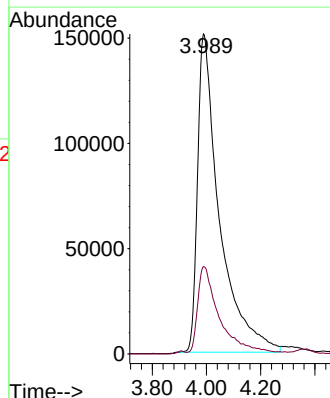
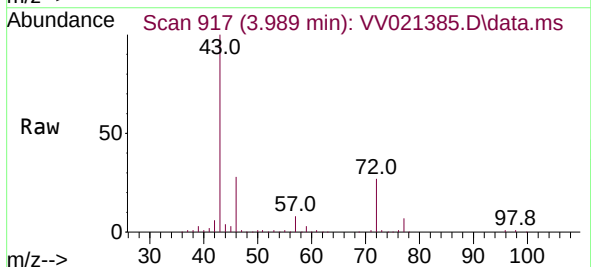


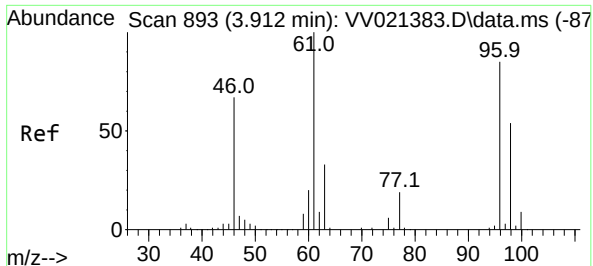
#21

2-Butanone  
Concen: 201.79 ug/L  
RT: 3.989 min Scan# 917  
Delta R.T. -0.013 min  
Lab File: VV021385.D  
Acq: 25 May 2021 13:11

Tgt Ion: 43 Resp: 846406

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 72  | 24.2  | 10.7  | 31.9  |

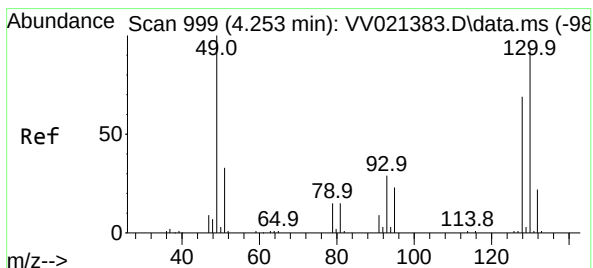
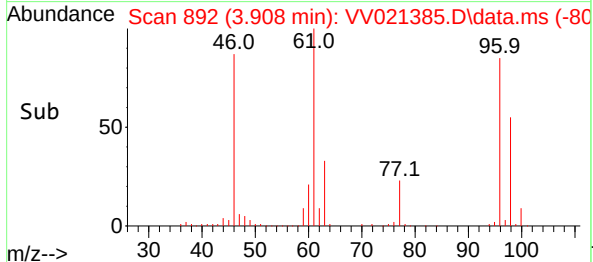
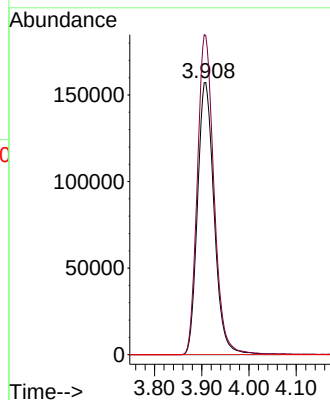
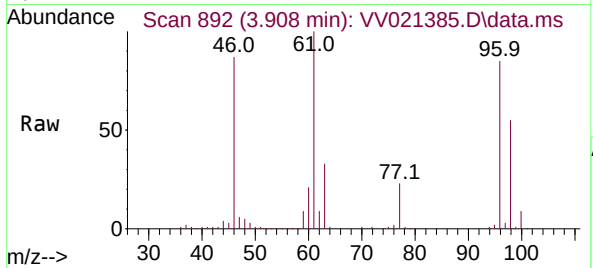




#22  
 cis-1,2-Dichloroethene  
 Concen: 20.72 ug/L  
 RT: 3.908 min Scan# 892  
 Delta R.T. -0.003 min  
 Lab File: VV021385.D  
 Acq: 25 May 2021 13:11

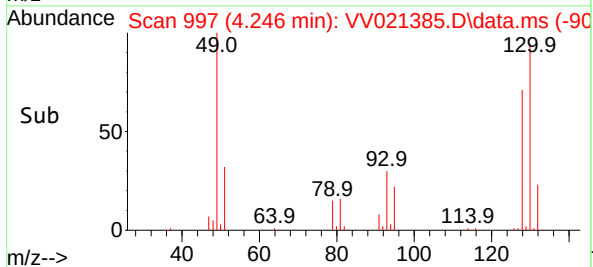
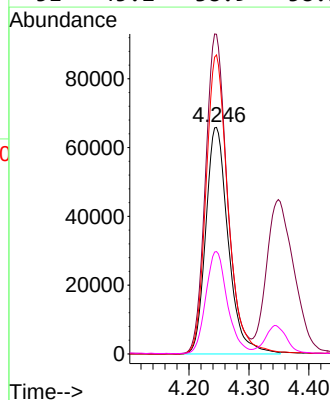
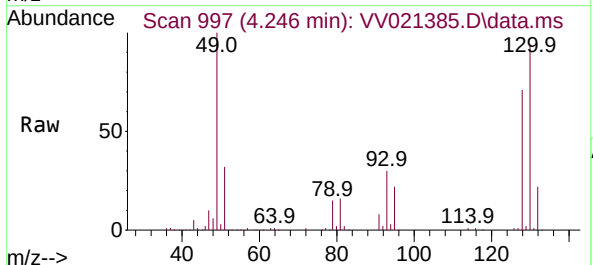
Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTD020166

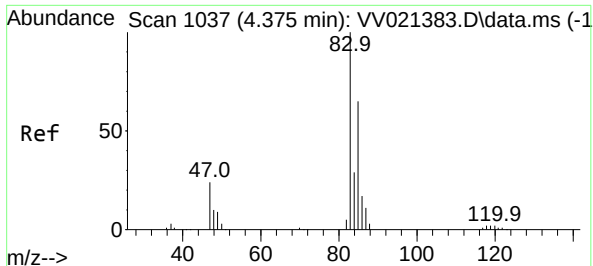
Tgt Ion: 96 Resp: 384054  
 Ion Ratio Lower Upper  
 96 100  
 61 117.3 81.9 152.1  
 68 0.0 0.0 0.0



#23  
 Bromochloromethane  
 Concen: 20.82 ug/L  
 RT: 4.246 min Scan# 997  
 Delta R.T. -0.007 min  
 Lab File: VV021385.D  
 Acq: 25 May 2021 13:11

Tgt Ion: 128 Resp: 171849  
 Ion Ratio Lower Upper  
 128 100  
 49 141.1 102.3 190.1  
 130 132.0 94.3 175.1  
 51 45.2 38.9 58.3





#25

Chloroform

Concen: 20.12 ug/L

RT: 4.371 min Scan# 1036

Delta R.T. -0.003 min

Lab File: VV021385.D

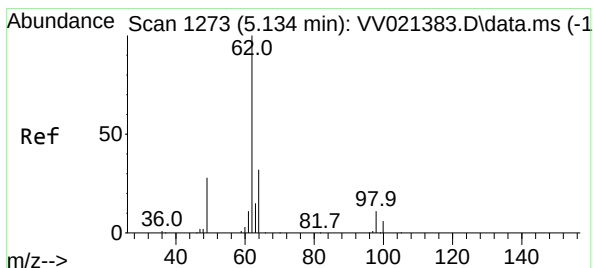
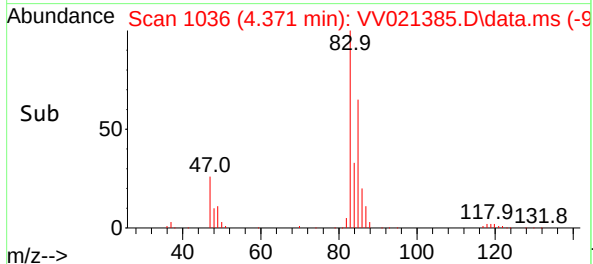
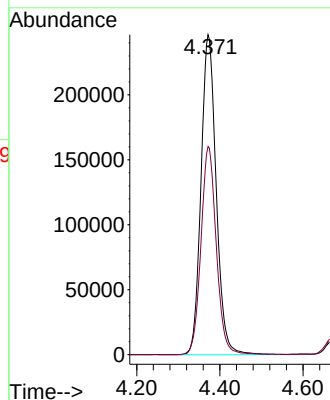
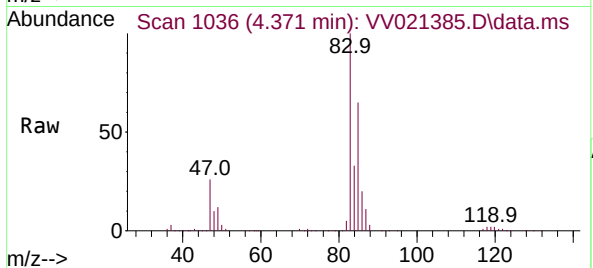
Acq: 25 May 2021 13:11

Tgt Ion: 83 Resp: 624709

Ion Ratio Lower Upper

83 100

85 65.1 45.8 85.2



#27

1,2-Dichloroethane

Concen: 19.91 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. -0.003 min

Lab File: VV021385.D

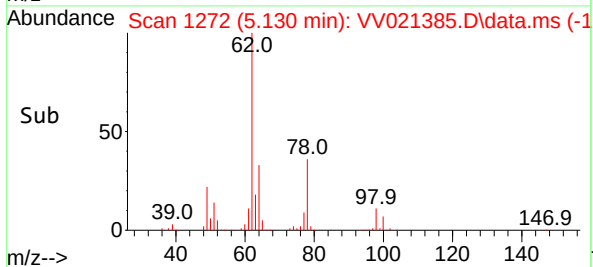
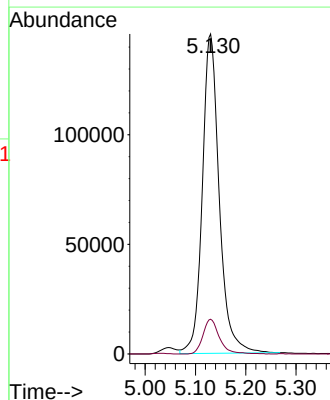
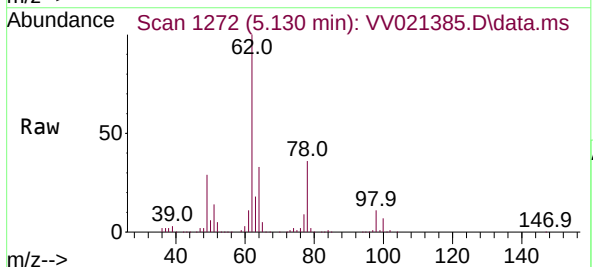
Acq: 25 May 2021 13:11

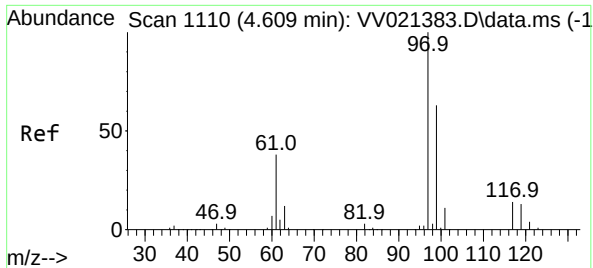
Tgt Ion: 62 Resp: 340344

Ion Ratio Lower Upper

62 100

98 10.9 8.4 12.6





#29

1,1,1-Trichloroethane

Concen: 20.52 ug/L

RT: 4.606 min Scan# 1109

Delta R.T. -0.003 min

Lab File: VV021385.D

Acq: 25 May 2021 13:11

Tgt Ion: 97 Resp: 586817

Ion Ratio Lower Upper

97 100

99 64.7 50.6 75.8

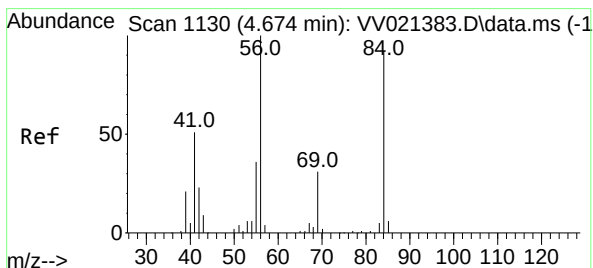
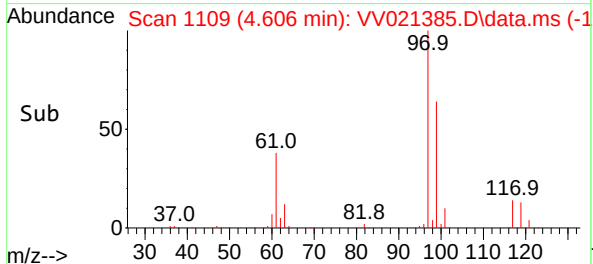
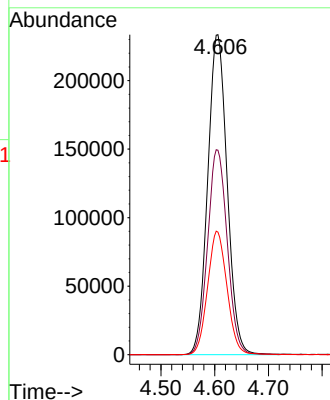
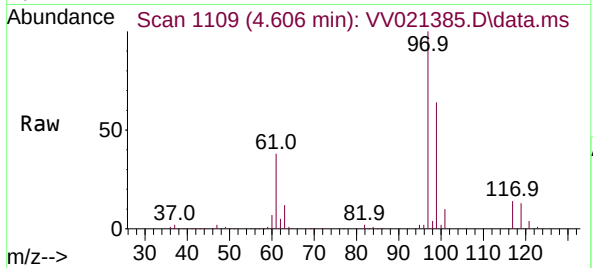
61 38.6 30.4 45.6

Instrument :

MSVOA\_V

ClientSampleId :

VSTD020166



#30

Cyclohexane

Concen: 19.91 ug/L

RT: 4.674 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VV021385.D

Acq: 25 May 2021 13:11

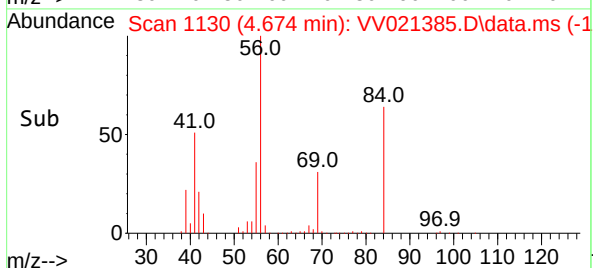
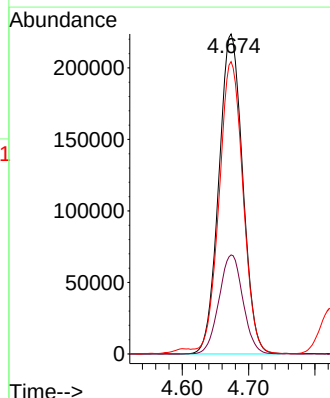
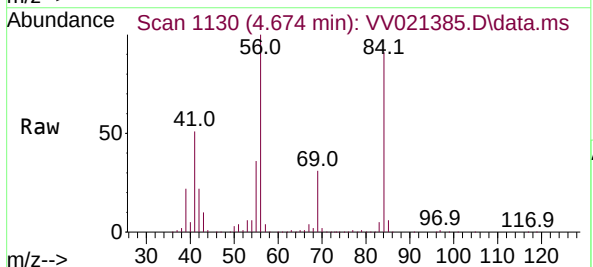
Tgt Ion: 56 Resp: 559003

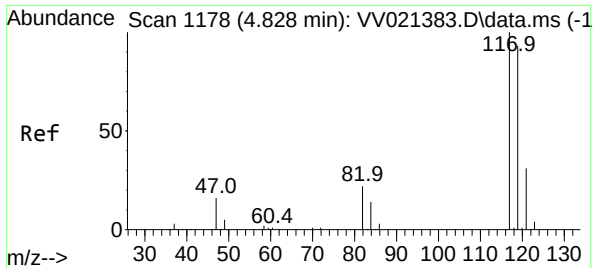
Ion Ratio Lower Upper

56 100

69 31.1 25.2 37.8

84 91.3 72.7 109.1

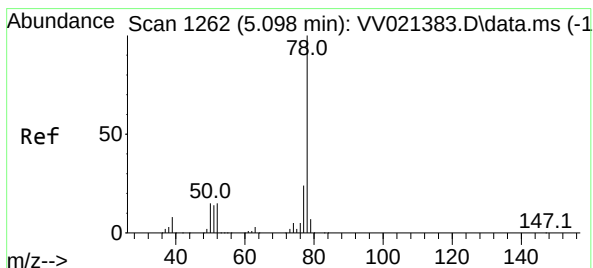
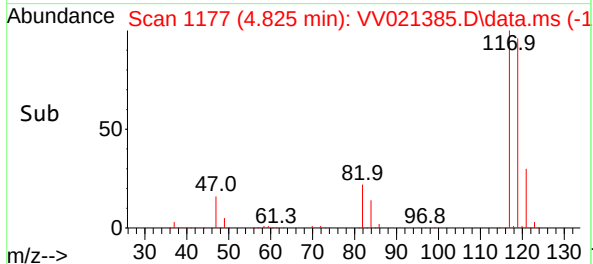
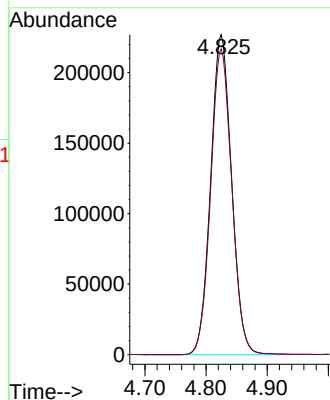
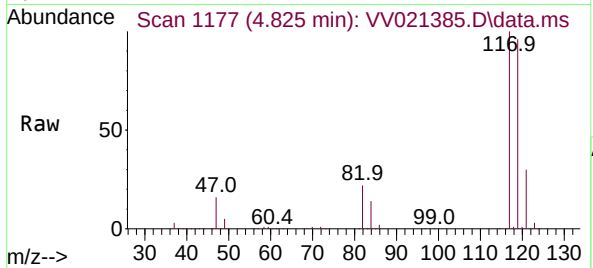




#31  
Carbon tetrachloride  
Concen: 21.13 ug/L  
RT: 4.825 min Scan# 1177  
Delta R.T. -0.003 min  
Lab File: VV021385.D  
Acq: 25 May 2021 13:11

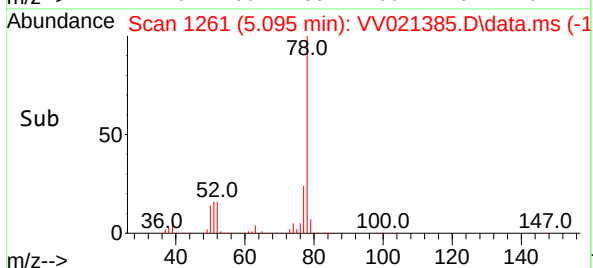
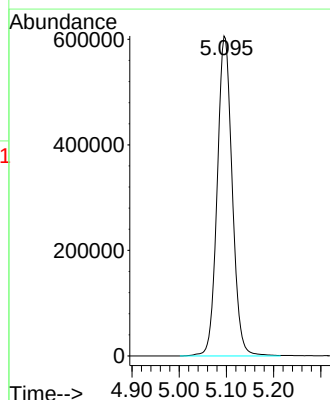
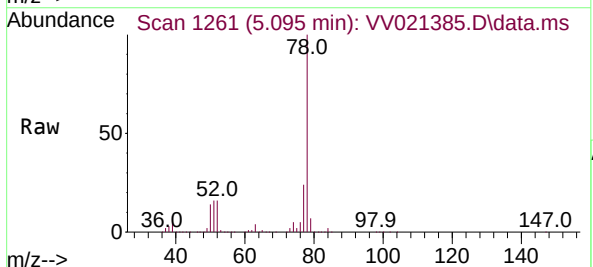
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTD020166

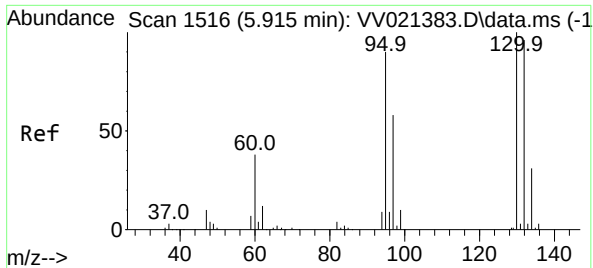
Tgt Ion:117 Resp: 539545  
Ion Ratio Lower Upper  
117 100  
119 96.3 77.0 115.6



#33  
Benzene  
Concen: 20.45 ug/L  
RT: 5.095 min Scan# 1261  
Delta R.T. -0.003 min  
Lab File: VV021385.D  
Acq: 25 May 2021 13:11

Tgt Ion: 78 Resp: 1340177



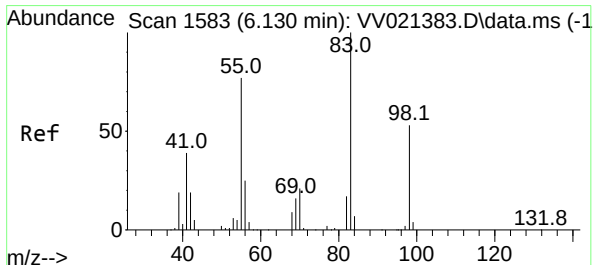
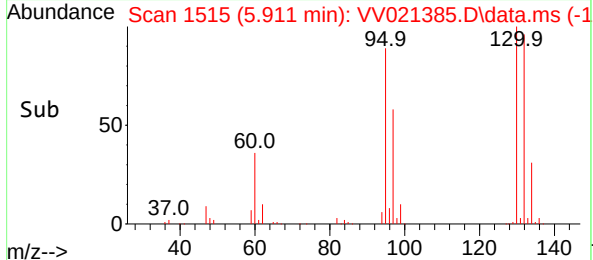
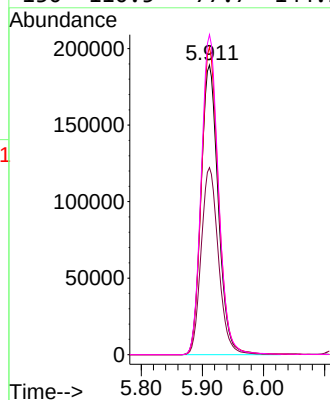
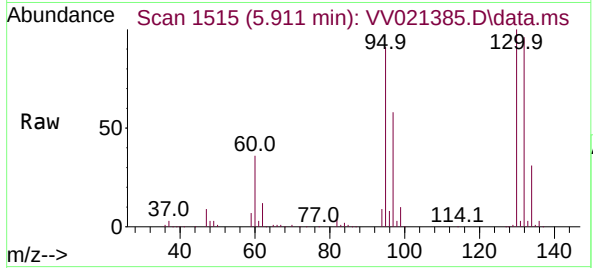


#34  
Trichloroethene  
Concen: 19.07 ug/L  
RT: 5.911 min Scan# 1515  
Delta R.T. -0.003 min  
Lab File: VV021385.D  
Acq: 25 May 2021 13:11

Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTD020166

Tgt Ion: 95 Resp: 371396

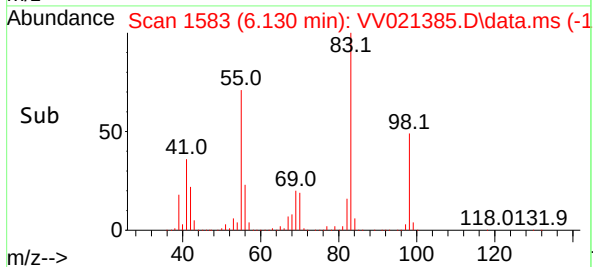
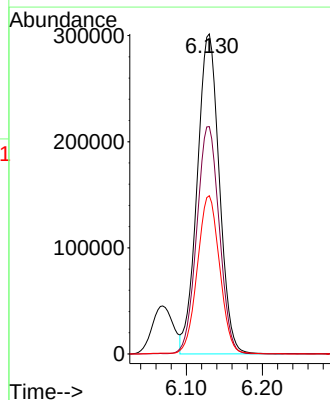
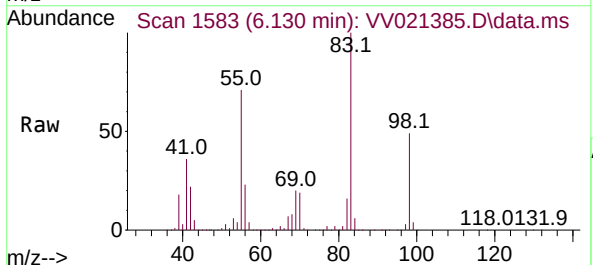
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 95  | 100   |       |       |
| 97  | 64.6  | 45.4  | 84.4  |
| 132 | 106.3 | 74.5  | 138.3 |
| 130 | 110.5 | 77.7  | 144.3 |



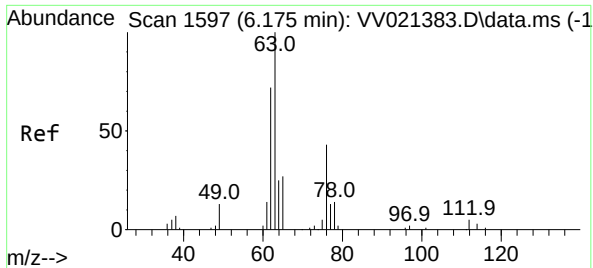
#35  
Methylcyclohexane  
Concen: 20.33 ug/L  
RT: 6.130 min Scan# 1583  
Delta R.T. -0.000 min  
Lab File: VV021385.D  
Acq: 25 May 2021 13:11

Tgt Ion: 83 Resp: 609347

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 55  | 72.1  | 57.7  | 86.5  |
| 98  | 49.8  | 40.6  | 61.0  |



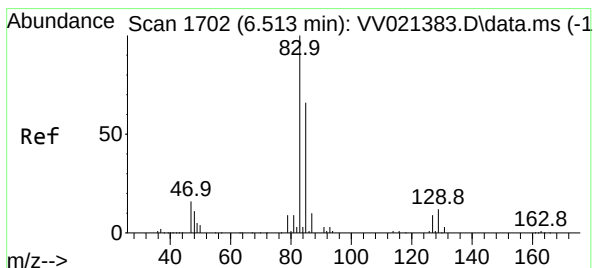
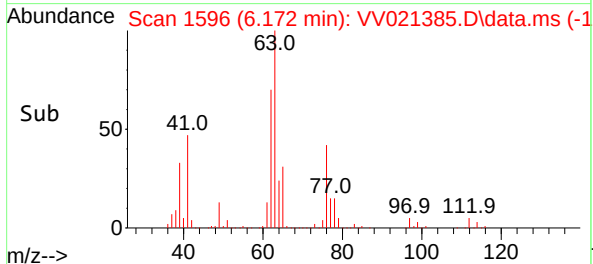
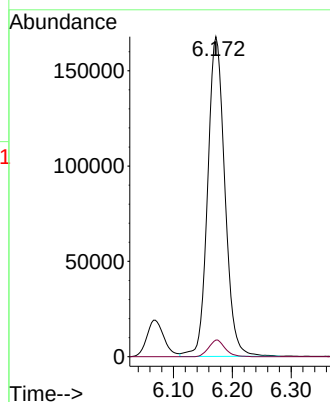
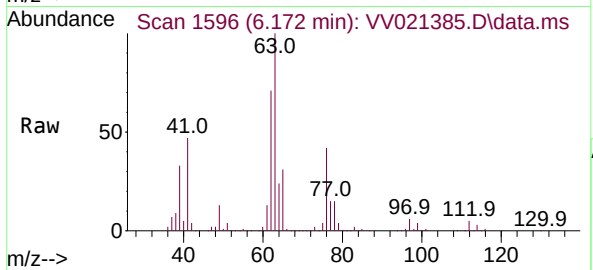




#37  
1,2-Dichloropropane  
Concen: 21.09 ug/L  
RT: 6.172 min Scan# 1596  
Delta R.T. -0.003 min  
Lab File: VV021385.D  
Acq: 25 May 2021 13:11

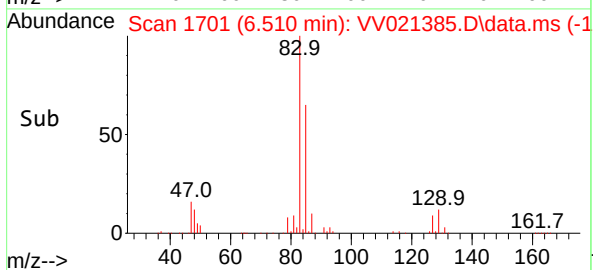
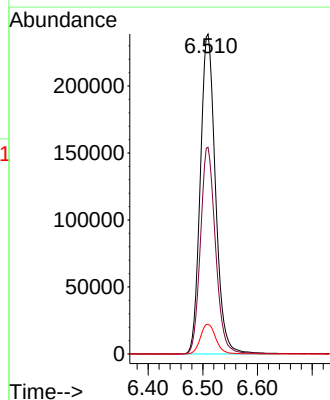
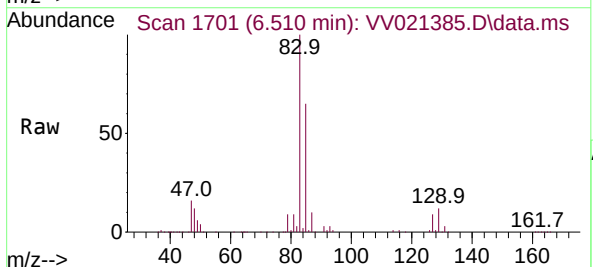
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTD020166

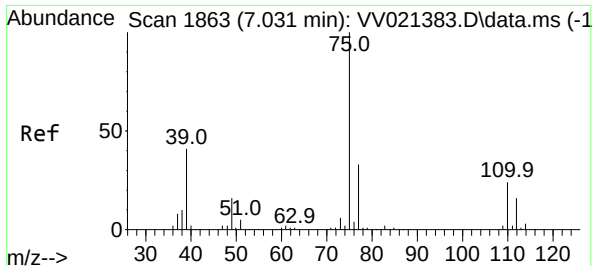
Tgt Ion: 63 Resp: 340498  
Ion Ratio Lower Upper  
63 100  
112 5.0 3.8 5.8



#38  
Bromodichloromethane  
Concen: 20.82 ug/L  
RT: 6.510 min Scan# 1701  
Delta R.T. -0.003 min  
Lab File: VV021385.D  
Acq: 25 May 2021 13:11

Tgt Ion: 83 Resp: 459592  
Ion Ratio Lower Upper  
83 100  
85 64.6 46.2 85.8  
127 9.3 7.3 10.9

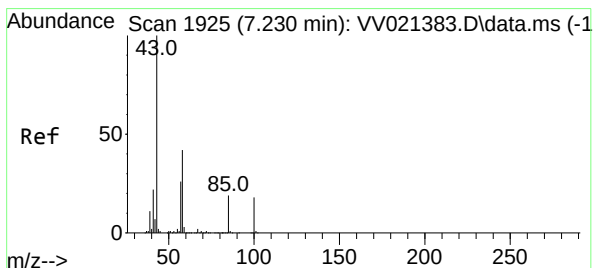
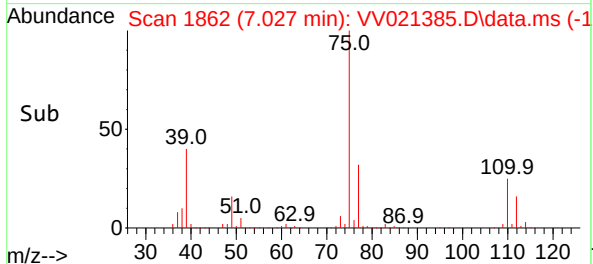
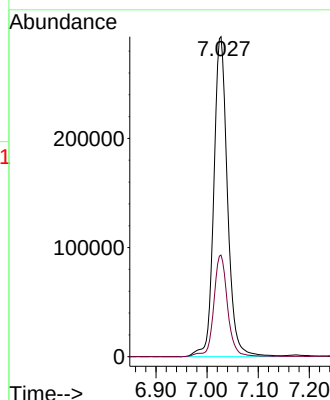
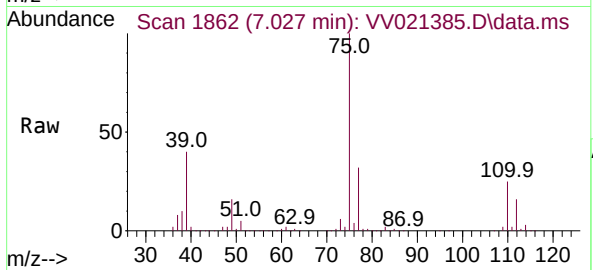




#39  
 cis-1,3-Dichloropropene  
 Concen: 21.17 ug/L  
 RT: 7.027 min Scan# 1862  
 Delta R.T. -0.003 min  
 Lab File: VV021385.D  
 Acq: 25 May 2021 13:11

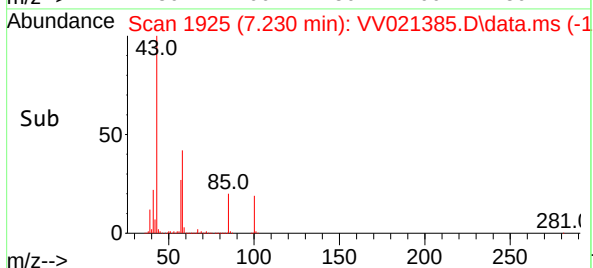
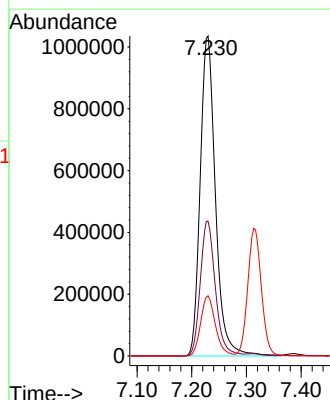
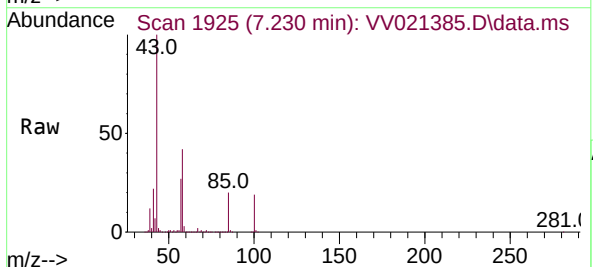
Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTD020166

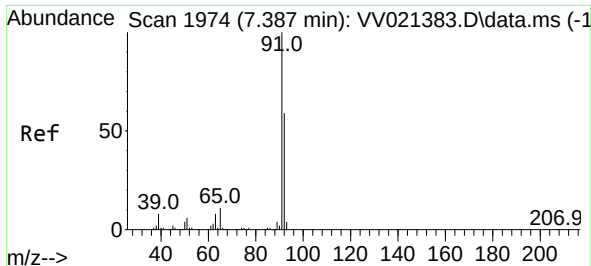
Tgt Ion: 75 Resp: 546638  
 Ion Ratio Lower Upper  
 75 100  
 77 31.7 22.8 42.4



#40  
 4-Methyl-2-pentanone  
 Concen: 197.50 ug/L  
 RT: 7.230 min Scan# 1925  
 Delta R.T. -0.000 min  
 Lab File: VV021385.D  
 Acq: 25 May 2021 13:11

Tgt Ion: 43 Resp: 2001789  
 Ion Ratio Lower Upper  
 43 100  
 58 41.7 33.9 50.9  
 100 18.2 14.2 21.4

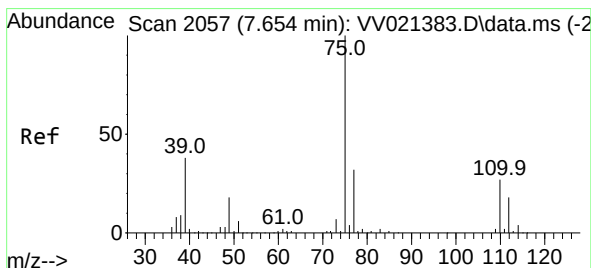
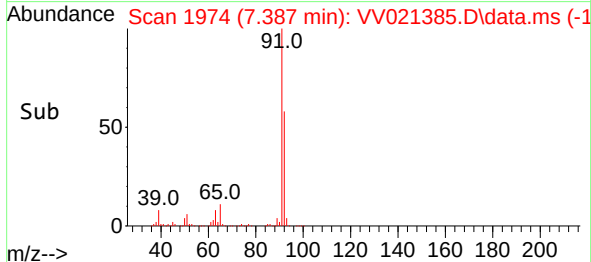
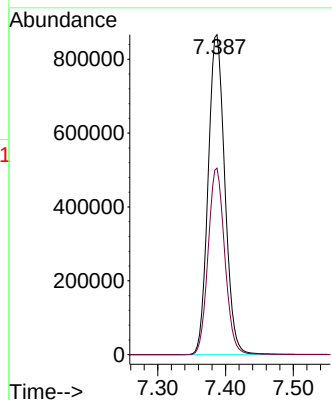
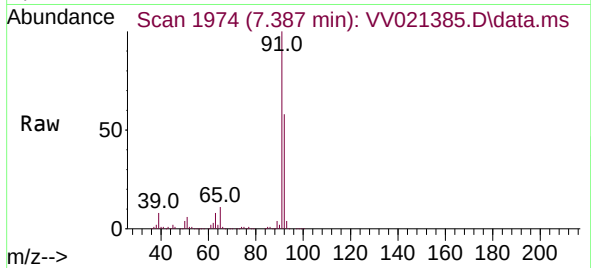




#42  
Toluene  
Concen: 20.23 ug/L  
RT: 7.387 min Scan# 1974  
Delta R.T. -0.000 min  
Lab File: VV021385.D  
Acq: 25 May 2021 13:11

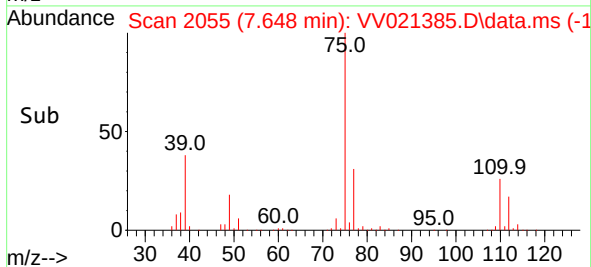
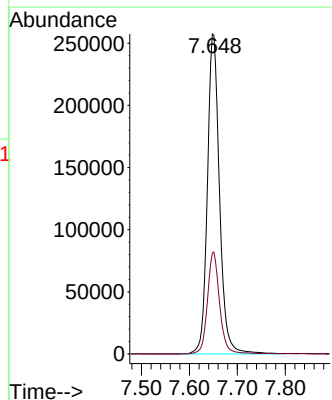
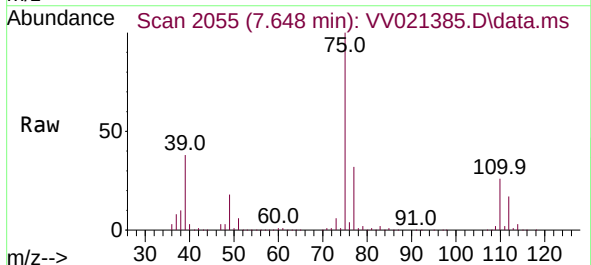
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTD020166

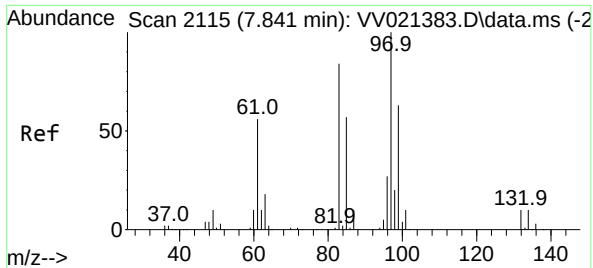
Tgt Ion: 91 Resp: 1482224  
Ion Ratio Lower Upper  
91 100  
92 58.3 40.9 76.0



#44  
trans-1,3-Dichloropropene  
Concen: 20.77 ug/L  
RT: 7.648 min Scan# 2055  
Delta R.T. -0.007 min  
Lab File: VV021385.D  
Acq: 25 May 2021 13:11

Tgt Ion: 75 Resp: 451997  
Ion Ratio Lower Upper  
75 100  
77 31.6 22.2 41.2

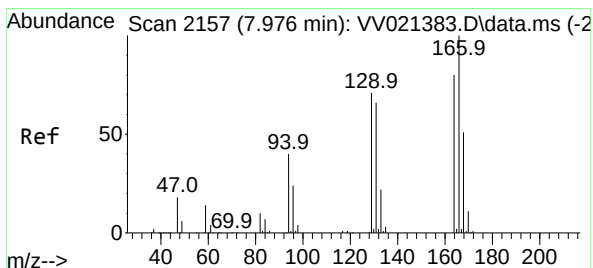
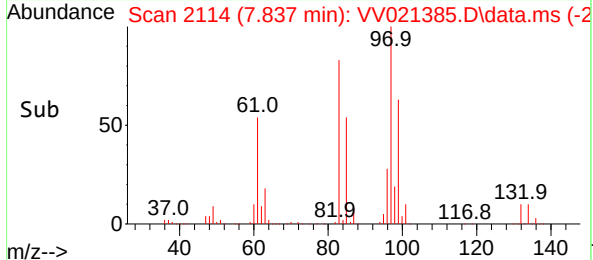
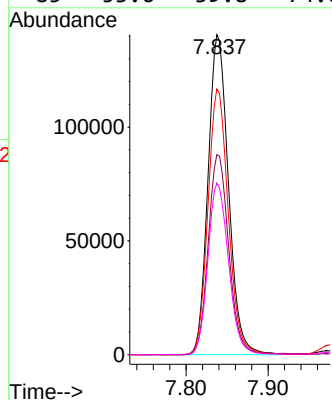
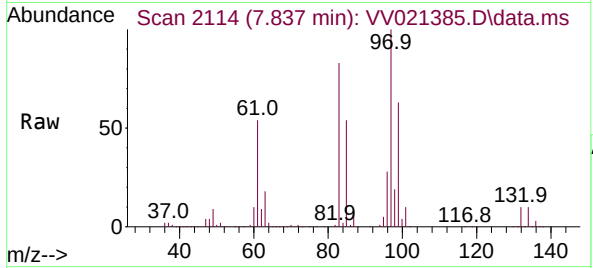




#45  
1,1,2-Trichloroethane  
Concen: 20.25 ug/L  
RT: 7.837 min Scan# 2114  
Delta R.T. -0.003 min  
Lab File: VV021385.D  
Acq: 25 May 2021 13:11

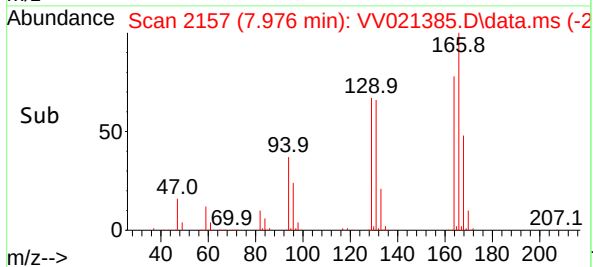
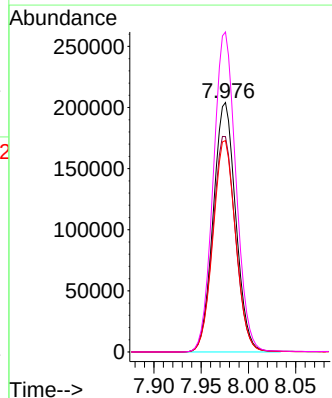
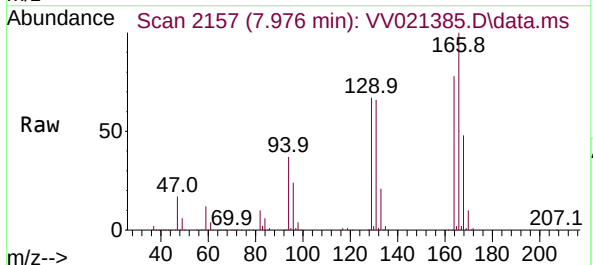
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTD020166

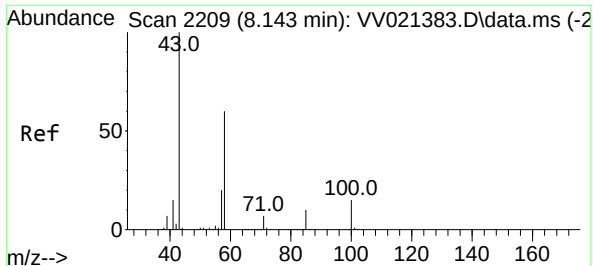
| Tgt Ion: | 97    | Resp: | 243888 |
|----------|-------|-------|--------|
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 99       | 62.5  | 44.0  | 81.8   |
| 83       | 83.1  | 59.0  | 109.6  |
| 85       | 53.6  | 39.8  | 74.0   |



#47  
Tetrachloroethene  
Concen: 20.86 ug/L  
RT: 7.976 min Scan# 2157  
Delta R.T. -0.000 min  
Lab File: VV021385.D  
Acq: 25 May 2021 13:11

| Tgt Ion: | 164   | Resp: | 338446 |
|----------|-------|-------|--------|
| Ion      | Ratio | Lower | Upper  |
| 164      | 100   |       |        |
| 129      | 86.3  | 61.8  | 114.8  |
| 131      | 84.7  | 57.8  | 107.4  |
| 166      | 128.2 | 87.4  | 162.4  |

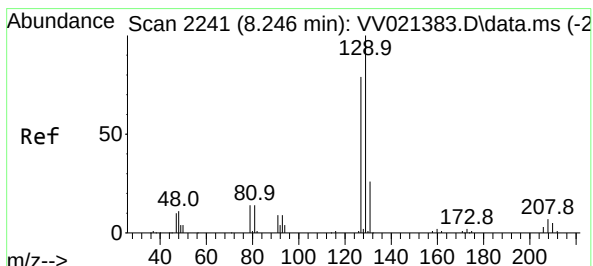
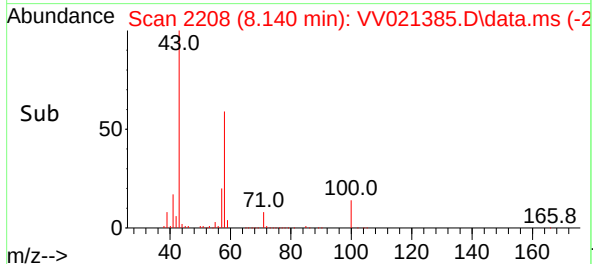
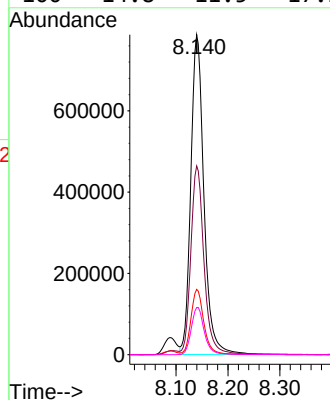
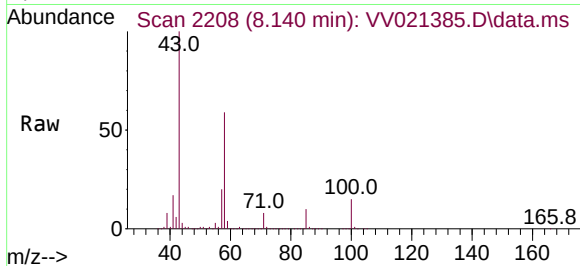




#48  
2-Hexanone  
Concen: 189.24 ug/L  
RT: 8.140 min Scan# 2208  
Delta R.T. -0.003 min  
Lab File: VV021385.D  
Acq: 25 May 2021 13:11

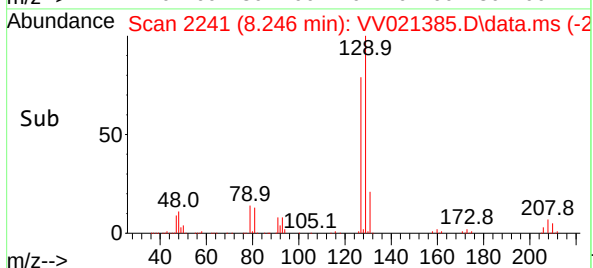
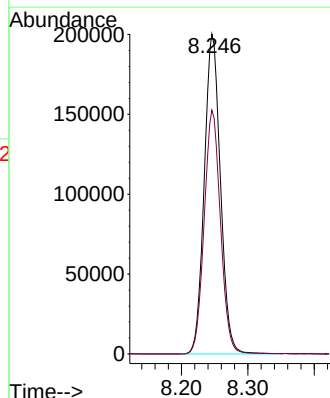
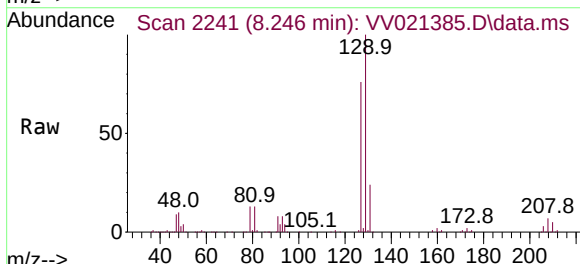
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTD020166

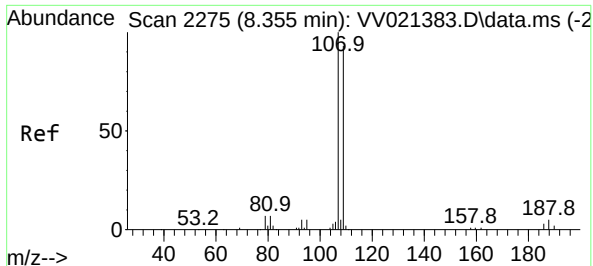
Tgt Ion: 43 Resp: 1380315  
Ion Ratio Lower Upper  
43 100  
58 59.4 47.0 70.4  
57 20.2 15.4 23.2  
100 14.8 11.5 17.3



#49  
Dibromochloromethane  
Concen: 20.92 ug/L  
RT: 8.246 min Scan# 2241  
Delta R.T. -0.000 min  
Lab File: VV021385.D  
Acq: 25 May 2021 13:11

Tgt Ion: 129 Resp: 339083  
Ion Ratio Lower Upper  
129 100  
127 76.2 55.4 103.0





#50

1,2-Dibromoethane

Concen: 20.29 ug/L

RT: 8.352 min Scan# 2274

Delta R.T. -0.003 min

Lab File: VV021385.D

Acq: 25 May 2021 13:11

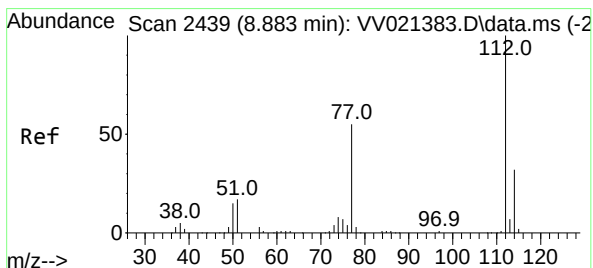
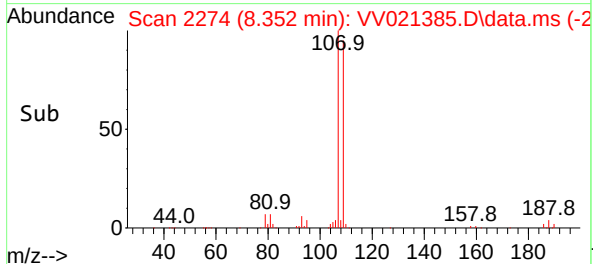
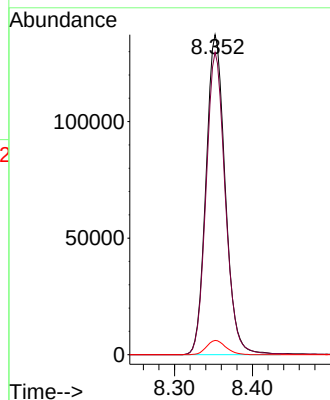
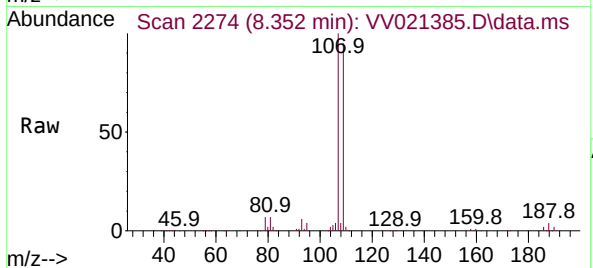
Instrument :

MSVOA\_V

ClientSampleId :

VSTD020166

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 235088 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 109      | 94.5  | 65.3  | 121.3  |
| 188      | 4.5   | 3.8   | 5.6    |



#51

Chlorobenzene

Concen: 20.39 ug/L

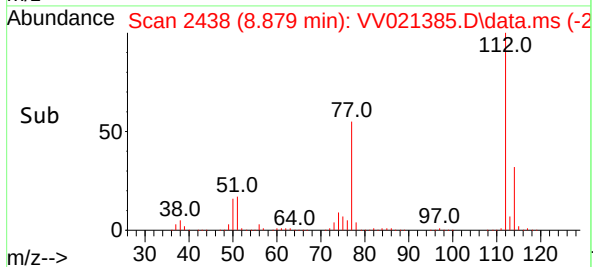
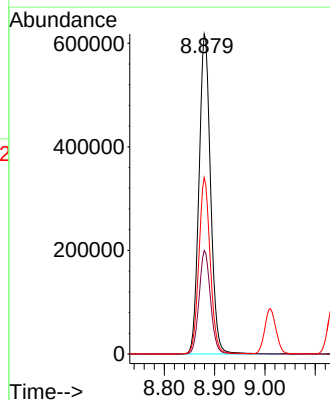
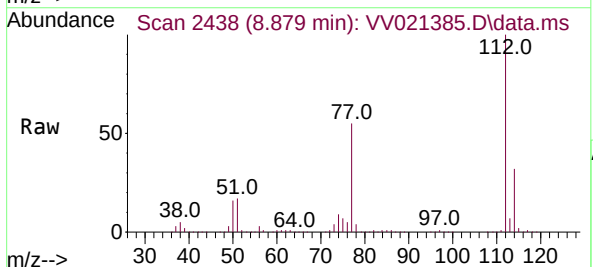
RT: 8.879 min Scan# 2438

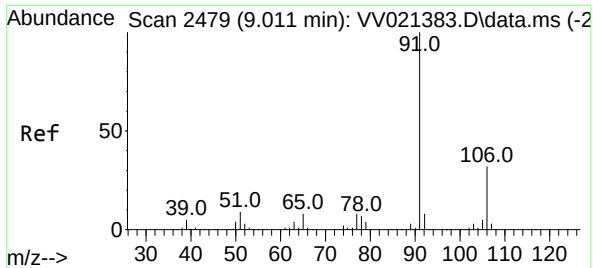
Delta R.T. -0.003 min

Lab File: VV021385.D

Acq: 25 May 2021 13:11

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 112   | Resp: | 987085 |
| Ion      | Ratio | Lower | Upper  |
| 112      | 100   |       |        |
| 114      | 32.3  | 22.5  | 41.9   |
| 77       | 55.1  | 44.5  | 66.7   |

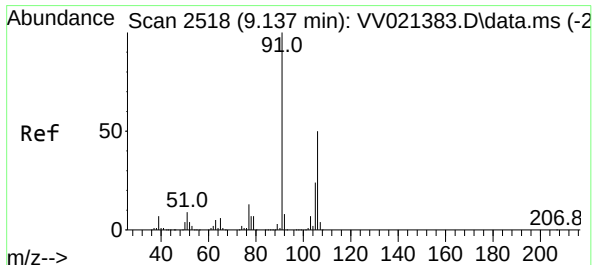
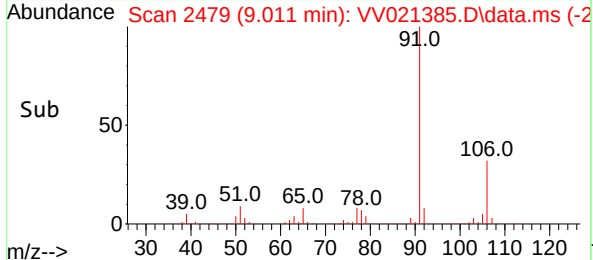
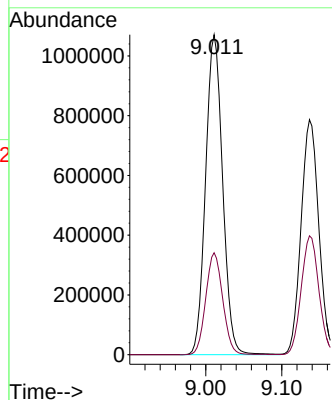
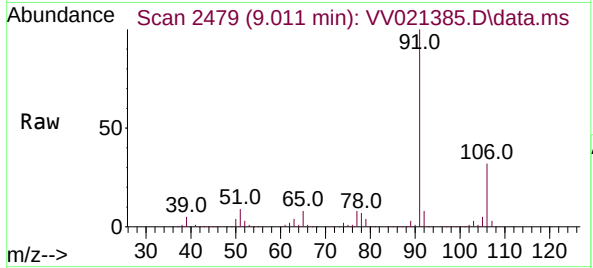




#52  
Ethylbenzene  
Concen: 20.38 ug/L  
RT: 9.011 min Scan# 2479  
Delta R.T. -0.000 min  
Lab File: VV021385.D  
Acq: 25 May 2021 13:11

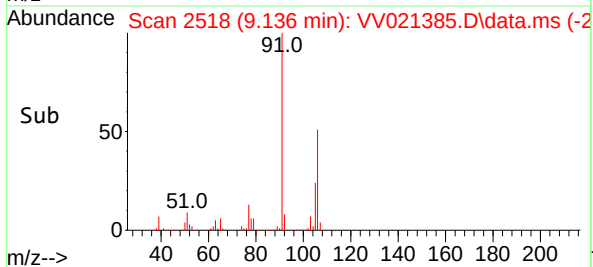
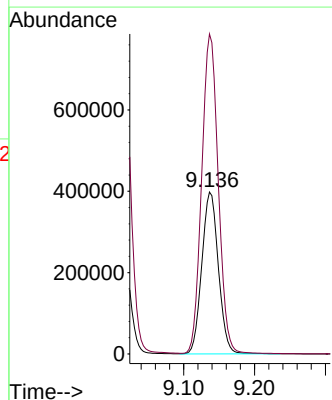
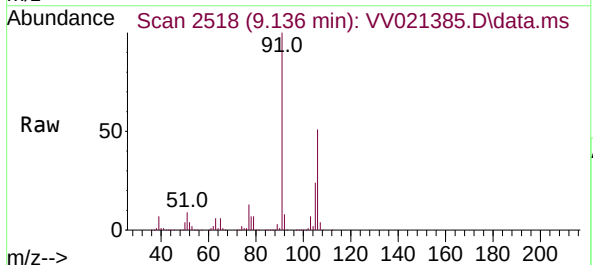
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTD020166

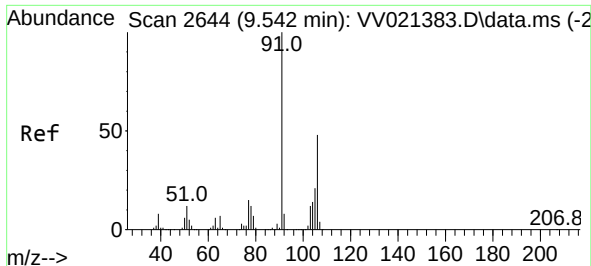
Tgt Ion: 91 Resp: 1666655  
Ion Ratio Lower Upper  
91 100  
106 31.8 22.0 41.0



#53  
m,p-xylene  
Concen: 20.48 ug/L  
RT: 9.136 min Scan# 2518  
Delta R.T. -0.000 min  
Lab File: VV021385.D  
Acq: 25 May 2021 13:11

Tgt Ion: 106 Resp: 643702  
Ion Ratio Lower Upper  
106 100  
91 197.6 140.8 261.4

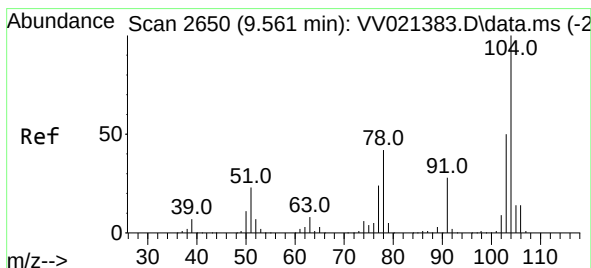
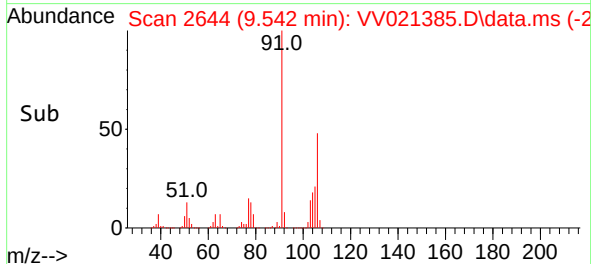
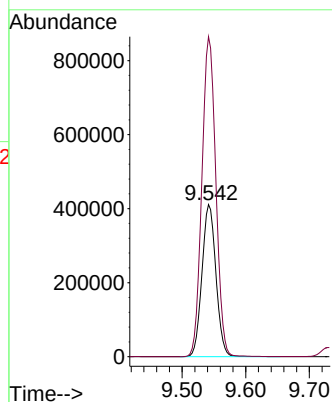
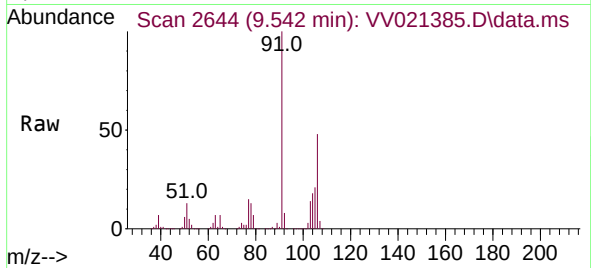




#54  
o-xylene  
Concen: 20.38 ug/L  
RT: 9.542 min Scan# 2644  
Delta R.T. -0.000 min  
Lab File: VV021385.D  
Acq: 25 May 2021 13:11

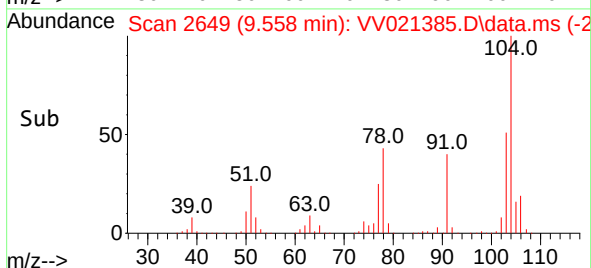
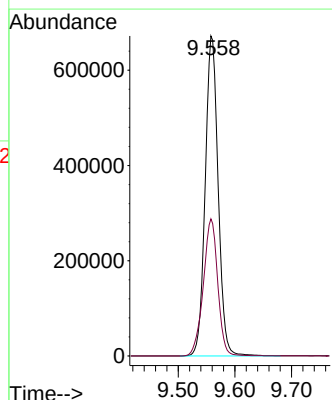
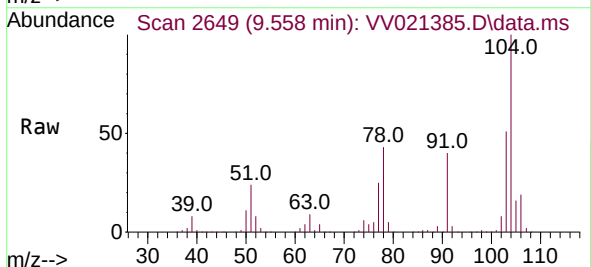
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTD020166

Tgt Ion:106 Resp: 625400  
Ion Ratio Lower Upper  
106 100  
91 210.3 146.7 272.4

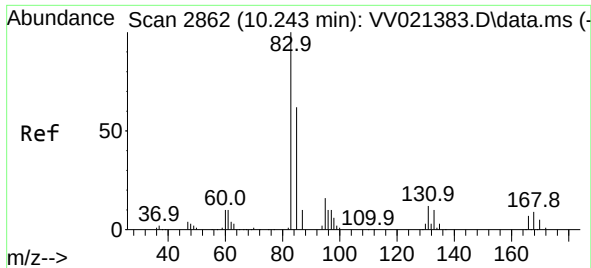


#55  
Styrene  
Concen: 20.73 ug/L  
RT: 9.558 min Scan# 2649  
Delta R.T. -0.003 min  
Lab File: VV021385.D  
Acq: 25 May 2021 13:11

Tgt Ion:104 Resp: 1068395  
Ion Ratio Lower Upper  
104 100  
78 42.8 29.7 55.1



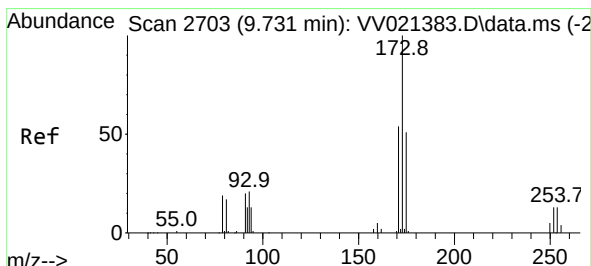
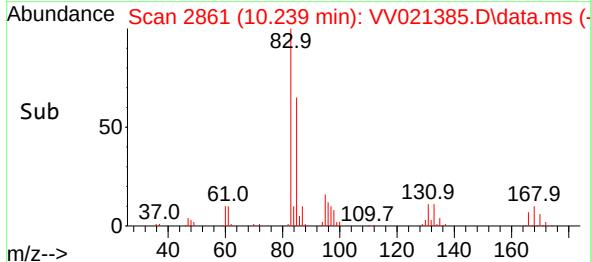
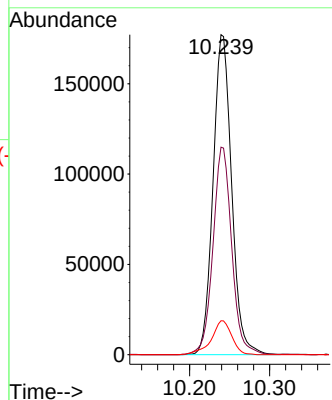
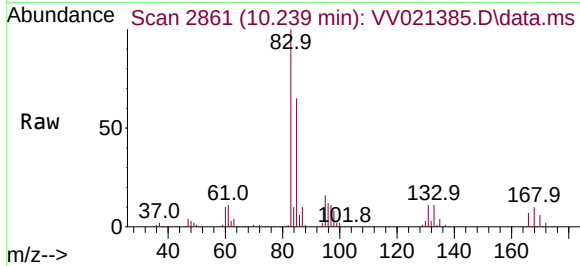




#57  
1,1,2,2-Tetrachloroethane  
Concen: 24.72 ug/L  
RT: 10.239 min Scan# 2861  
Delta R.T. -0.003 min  
Lab File: VV021385.D  
Acq: 25 May 2021 13:11

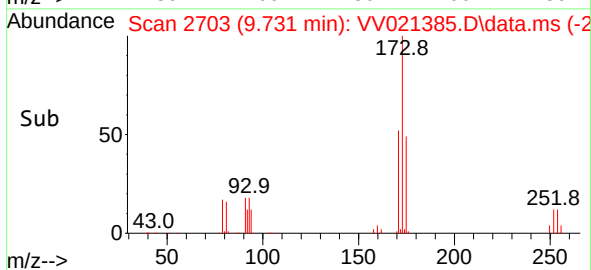
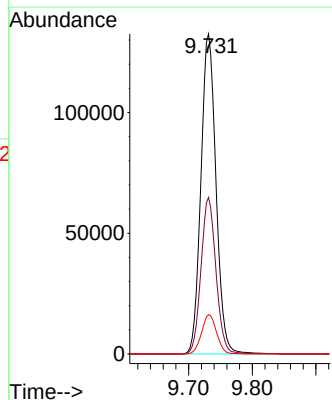
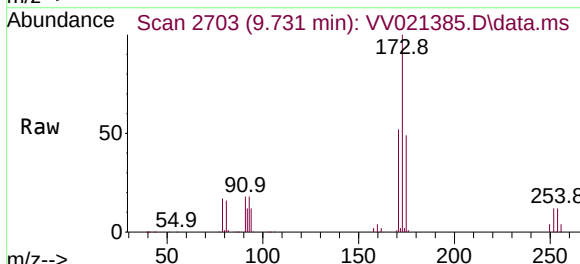
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTD020166

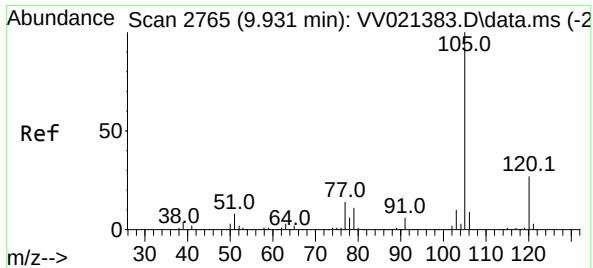
Tgt Ion: 83 Resp: 285434  
Ion Ratio Lower Upper  
83 100  
85 64.8 43.3 80.3  
131 10.6 9.4 14.0



#59  
Bromoform  
Concen: 22.03 ug/L  
RT: 9.731 min Scan# 2703  
Delta R.T. -0.000 min  
Lab File: VV021385.D  
Acq: 25 May 2021 13:11

Tgt Ion: 173 Resp: 218372  
Ion Ratio Lower Upper  
173 100  
175 48.6 40.2 60.4  
254 12.2 9.8 14.8

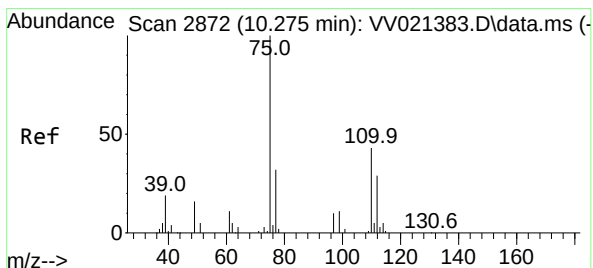
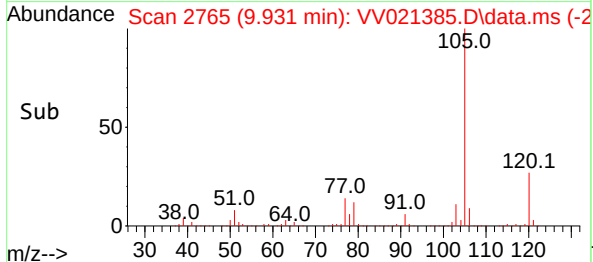
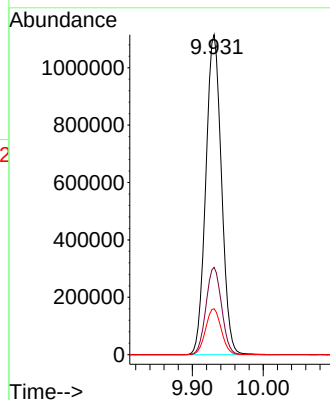
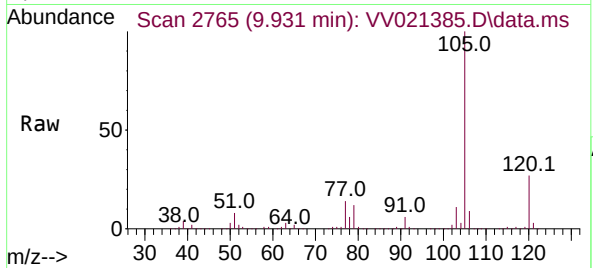




#60  
Isopropylbenzene  
Concen: 20.21 ug/L  
RT: 9.931 min Scan# 2765  
Delta R.T. -0.000 min  
Lab File: VV021385.D  
Acq: 25 May 2021 13:11

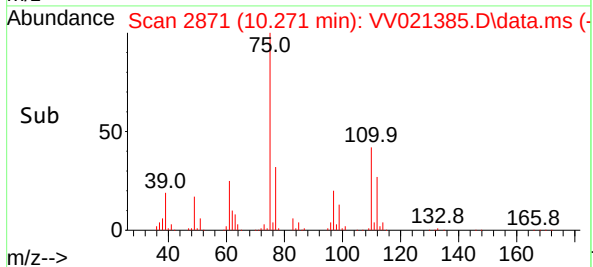
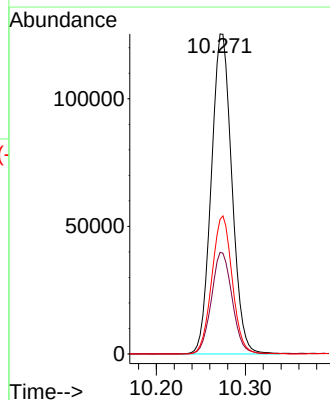
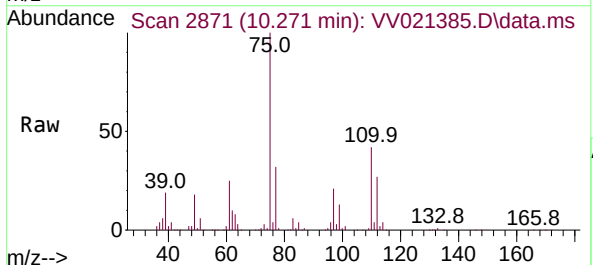
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTD020166

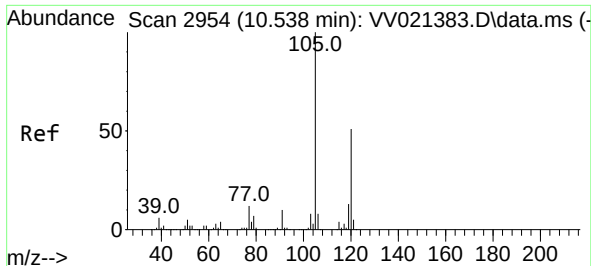
Tgt Ion:105 Resp: 1708939  
Ion Ratio Lower Upper  
105 100  
120 27.3 21.8 32.8  
77 14.4 11.3 16.9



#61  
1,2,3-Trichloropropane  
Concen: 20.60 ug/L  
RT: 10.271 min Scan# 2871  
Delta R.T. -0.003 min  
Lab File: VV021385.D  
Acq: 25 May 2021 13:11

Tgt Ion: 75 Resp: 201133  
Ion Ratio Lower Upper  
75 100  
77 31.7 27.3 40.9  
110 42.8 34.2 51.2

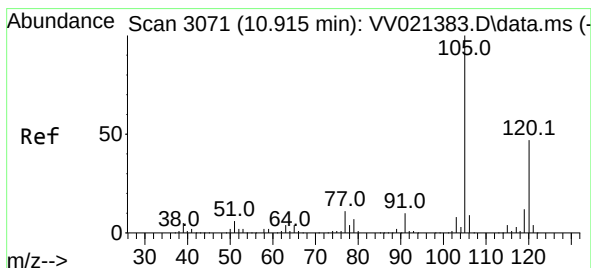
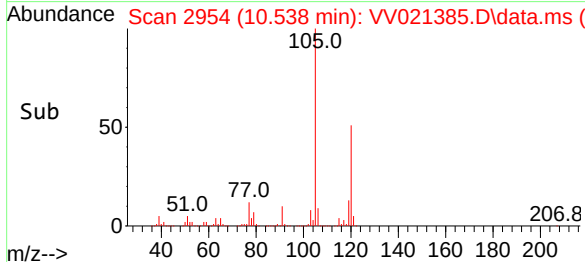
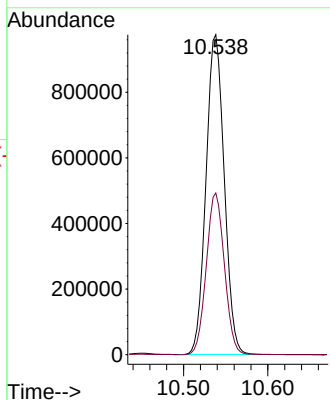
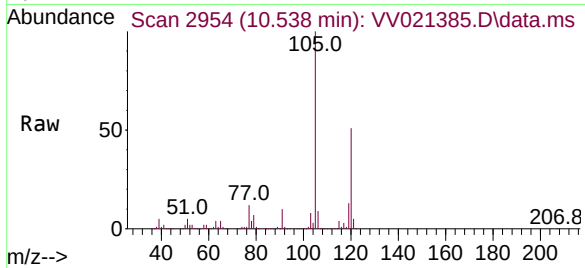




#62  
1,3,5-Trimethylbenzene  
Concen: 20.36 ug/L  
RT: 10.538 min Scan# 2954  
Delta R.T. -0.000 min  
Lab File: VV021385.D  
Acq: 25 May 2021 13:11

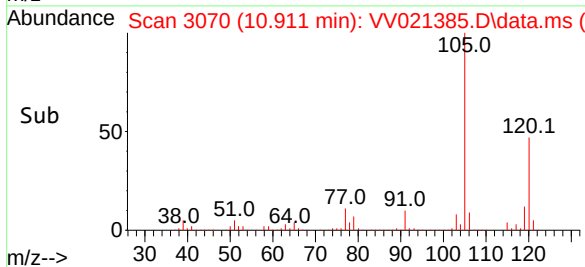
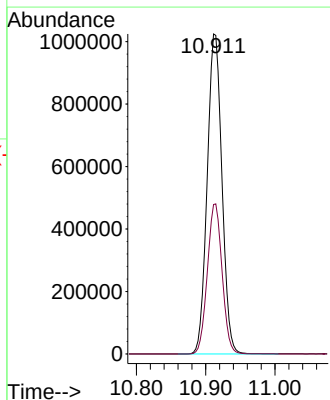
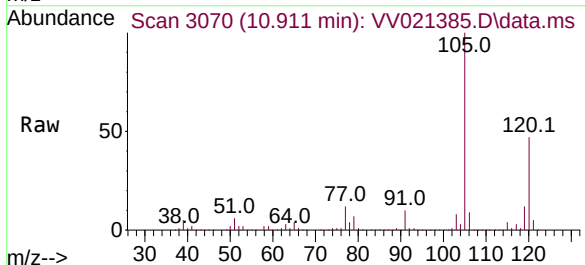
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTD020166

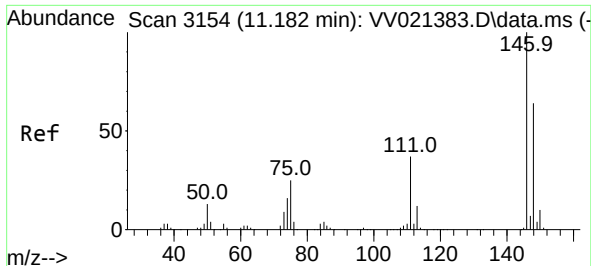
Tgt Ion:105 Resp: 1468943  
Ion Ratio Lower Upper  
105 100  
120 50.2 40.2 60.2



#63  
1,2,4-Trimethylbenzene  
Concen: 20.50 ug/L  
RT: 10.911 min Scan# 3070  
Delta R.T. -0.003 min  
Lab File: VV021385.D  
Acq: 25 May 2021 13:11

Tgt Ion:105 Resp: 1509386  
Ion Ratio Lower Upper  
105 100  
120 46.9 37.4 56.0

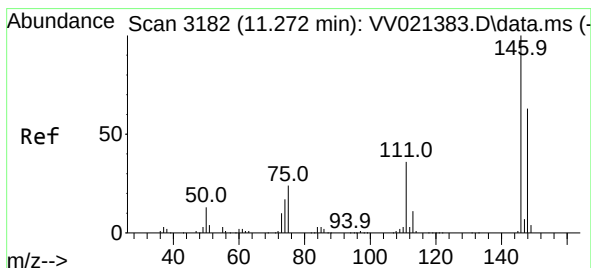
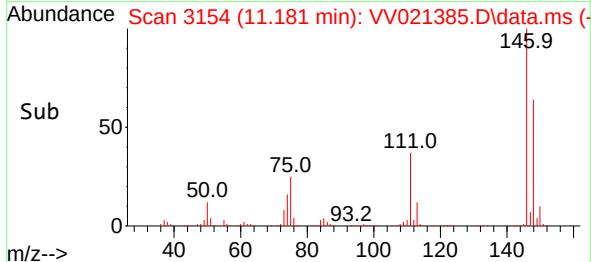
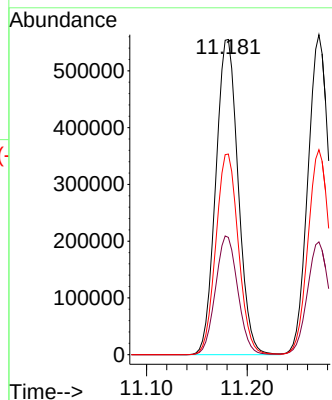
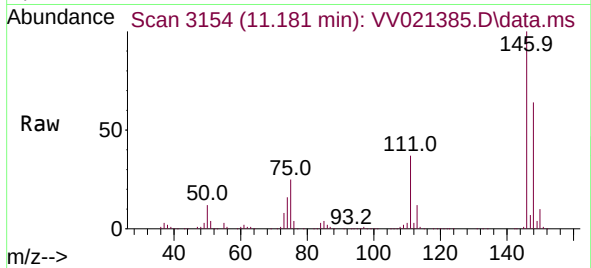




#64  
1,3-Dichlorobenzene  
Concen: 21.19 ug/L  
RT: 11.181 min Scan# 3154  
Delta R.T. -0.000 min  
Lab File: VV021385.D  
Acq: 25 May 2021 13:11

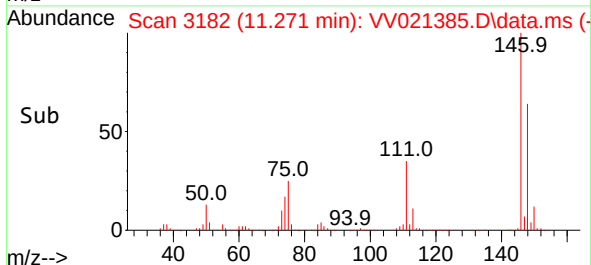
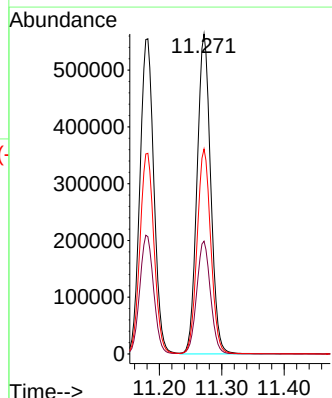
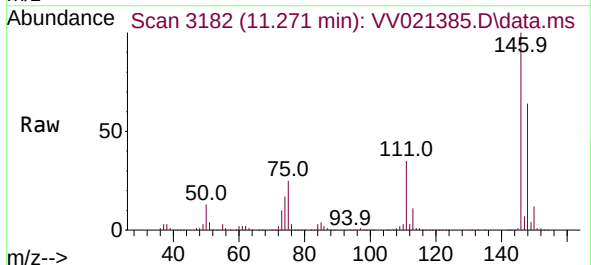
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTD020166

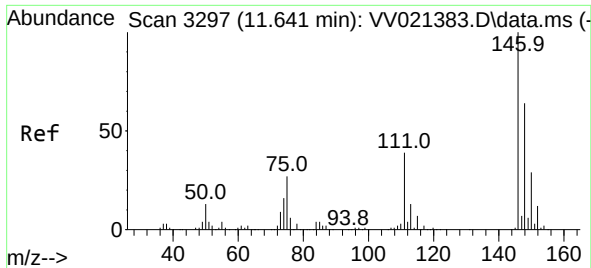
Tgt Ion:146 Resp: 861544  
Ion Ratio Lower Upper  
146 100  
111 37.2 26.2 48.6  
148 63.7 44.9 83.5



#65  
1,4-Dichlorobenzene  
Concen: 21.00 ug/L  
RT: 11.271 min Scan# 3182  
Delta R.T. -0.000 min  
Lab File: VV021385.D  
Acq: 25 May 2021 13:11

Tgt Ion:146 Resp: 853095  
Ion Ratio Lower Upper  
146 100  
111 35.2 25.1 46.5  
148 64.0 44.4 82.5

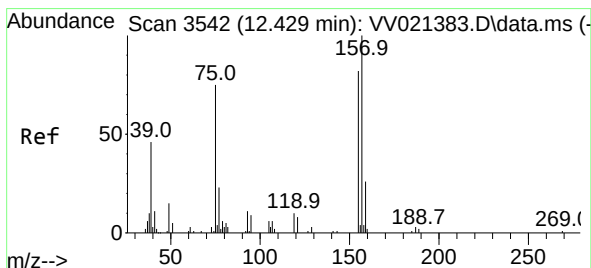
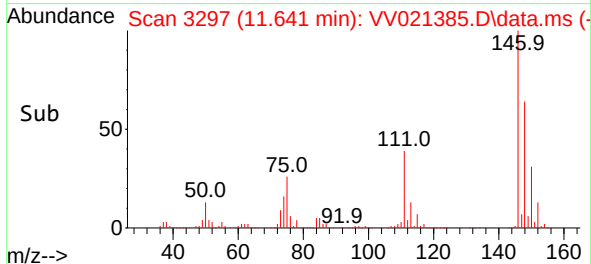
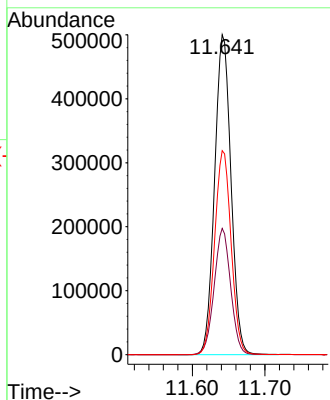
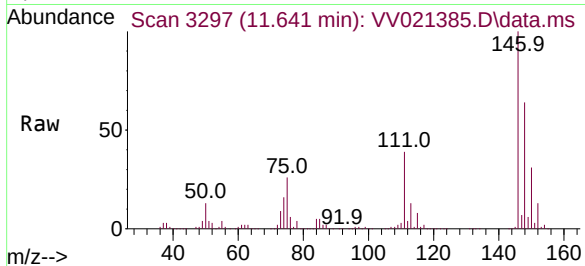




#67  
1,2-Dichlorobenzene  
Concen: 20.85 ug/L  
RT: 11.641 min Scan# 3297  
Delta R.T. -0.000 min  
Lab File: VV021385.D  
Acq: 25 May 2021 13:11

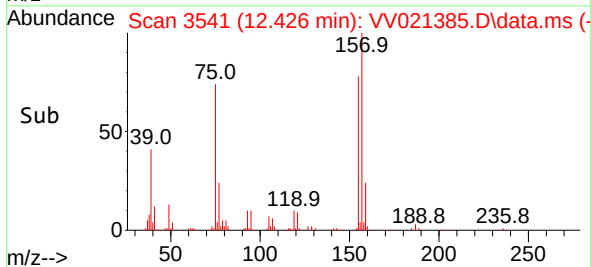
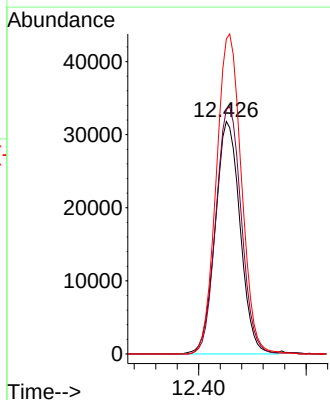
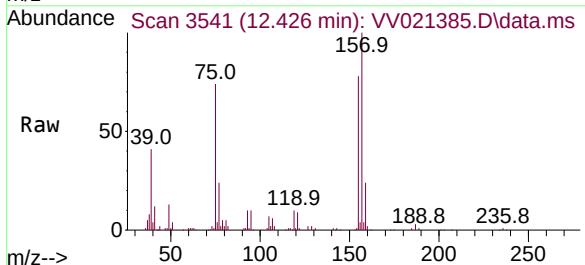
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTD020166

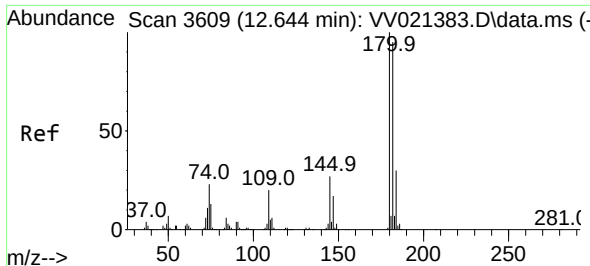
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 784468 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 111       | 39.5  | 31.2  | 46.8   |
| 148       | 63.7  | 50.9  | 76.3   |



#68  
1,2-Dibromo-3-chloropropane  
Concen: 25.07 ug/L  
RT: 12.426 min Scan# 3541  
Delta R.T. -0.003 min  
Lab File: VV021385.D  
Acq: 25 May 2021 13:11

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 51159 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 155       | 105.4 | 87.2  | 130.8 |
| 157       | 135.5 | 106.1 | 159.1 |

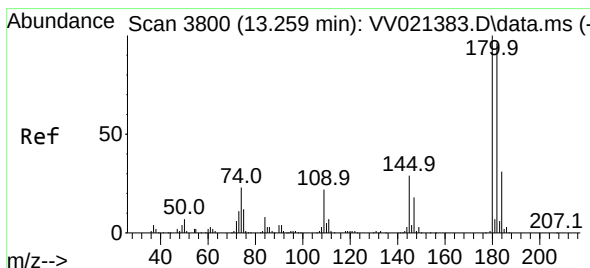
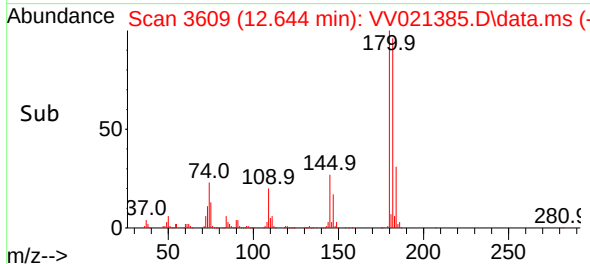
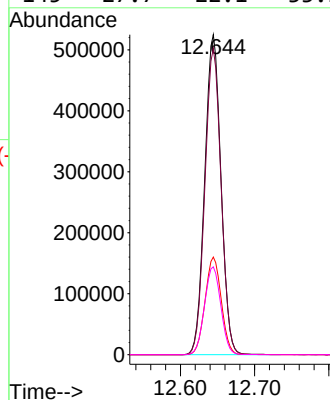
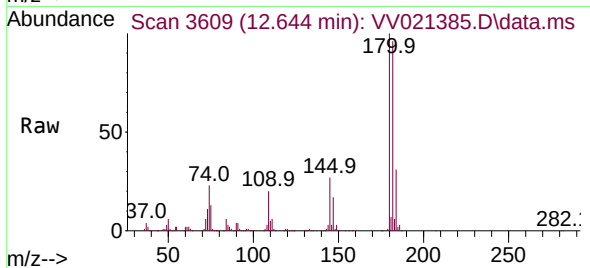




#69  
1,3,5-Trichlorobenzene  
Concen: 22.43 ug/L  
RT: 12.644 min Scan# 3609  
Delta R.T. -0.000 min  
Lab File: VV021385.D  
Acq: 25 May 2021 13:11

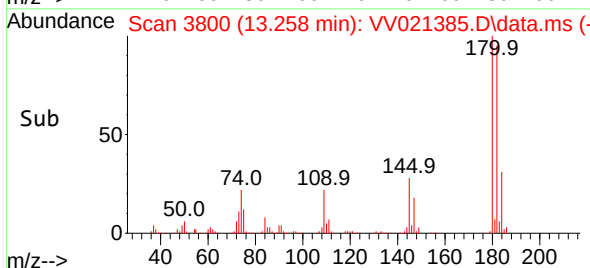
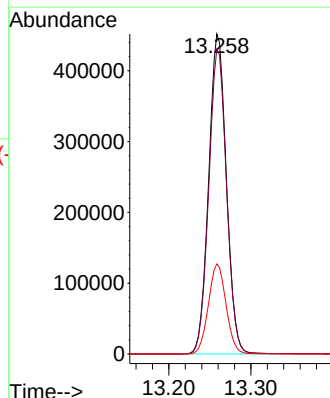
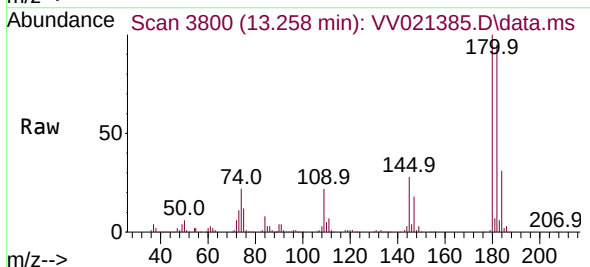
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ClientSampleId :  
VSTD020166

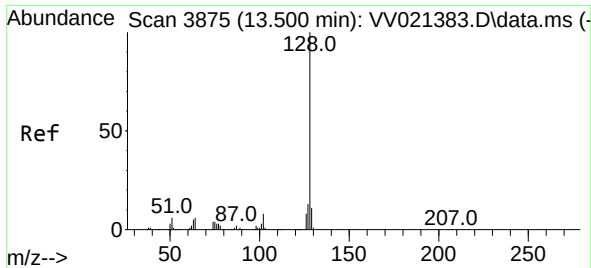
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 793834 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 95.7  | 76.4  | 114.6  |
| 184       | 30.6  | 24.0  | 36.0   |
| 145       | 27.7  | 22.1  | 33.1   |



#70  
1,2,4-trichlorobenzene  
Concen: 24.14 ug/L  
RT: 13.258 min Scan# 3800  
Delta R.T. -0.000 min  
Lab File: VV021385.D  
Acq: 25 May 2021 13:11

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 676815 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 95.6  | 76.3  | 114.5  |
| 145       | 28.1  | 23.0  | 34.4   |

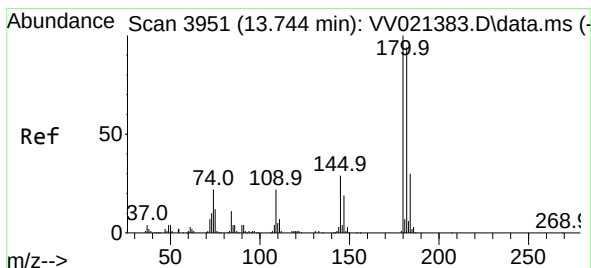
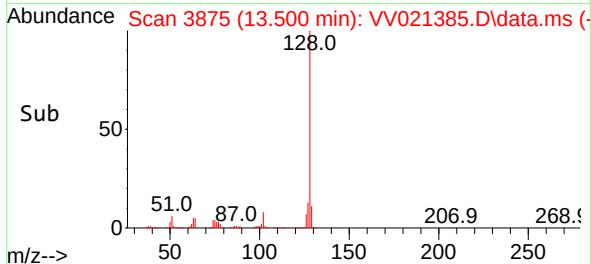
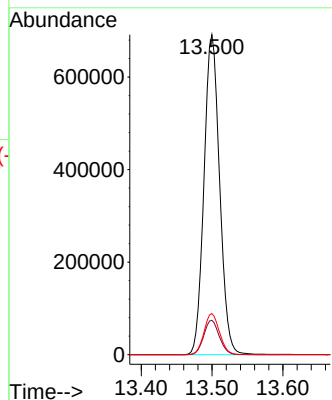
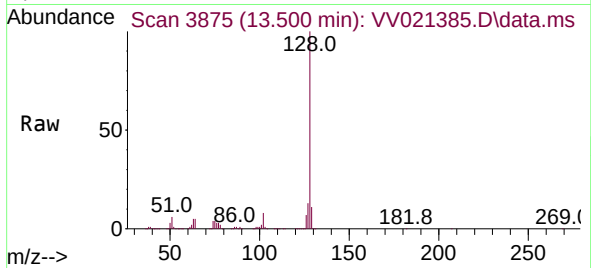




#71  
Naphthalene  
Concen: 26.89 ug/L  
RT: 13.500 min Scan# 3875  
Delta R.T. -0.000 min  
Lab File: VV021385.D  
Acq: 25 May 2021 13:11

Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTD020166

Tgt Ion:128 Resp: 1058182  
Ion Ratio Lower Upper  
128 100  
129 10.7 8.4 12.6  
127 12.8 10.2 15.4



#72  
1,2,3-Trichlorobenzene  
Concen: 23.74 ug/L  
RT: 13.741 min Scan# 3950  
Delta R.T. -0.003 min  
Lab File: VV021385.D  
Acq: 25 May 2021 13:11

Tgt Ion:180 Resp: 585599  
Ion Ratio Lower Upper  
180 100  
182 95.3 76.3 114.5  
145 30.2 24.3 36.5

