

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW031121\  
 Data File : VW018301.D  
 Acq On : 11 Mar 2021 15:56  
 Operator : SY/VA  
 Sample : VSTDCCC025EC  
 Misc : 5.00G/10ML/MSVOA\_W/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTD02538

Quant Time: Mar 12 00:29:19 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SOM2WLM030821S.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Mar 12 00:26:52 2021  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc   | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|--------|--------|----------|
| -----                         |                |      |            |        |        |          |
| Internal Standards            |                |      |            |        |        |          |
| 1) 1,4-Difluorobenzene        | 8.842          | 114  | 262805     | 25.00  | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.634         | 117  | 233835     | 25.00  | ug/L   | 0.00     |
| 60) 1,4-Dichlorobenzene-d4    | 13.554         | 152  | 112399     | 25.00  | ug/L   | 0.00     |
|                               |                |      |            |        |        |          |
| System Monitoring Compounds   |                |      |            |        |        |          |
| 4) Vinyl Chloride-d3          | 2.361          | 65   | 65223      | 22.92  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 91.68% |        |          |
| 7) Chloroethane-d5            | 2.898          | 69   | 54308      | 23.50  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 94.00% |        |          |
| 10) 1,1-Dichloroethene-d2     | 4.032          | 63   | 156151     | 23.61  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = | 94.44% |        |          |
| 20) 2-Butanone-d5             | 7.086          | 46   | 26589      | 39.30  | ug/L   | 0.01     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 78.60% |        |          |
| 24) Chloroform-d              | 7.653          | 84   | 166673     | 23.41  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = | 93.64% |        |          |
| 26) 1,2-Dichloroethane-d4     | 8.305          | 65   | 85369      | 21.79  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = | 87.16% |        |          |
| 29) Benzene-d6                | 8.275          | 84   | 289551     | 23.26  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = | 93.04% |        |          |
| 33) 1,2-Dichloropropane-d6    | 9.275          | 67   | 79538      | 23.06  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = | 92.24% |        |          |
| 37) Toluene-d8                | 10.323         | 98   | 284112     | 23.65  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = | 94.60% |        |          |
| 38) trans-1,3-Dichloroprop... | 10.579         | 79   | 37182      | 21.75  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = | 87.00% |        |          |
| 39) 2-Hexanone-d5             | 10.921         | 63   | 24136      | 42.06  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 84.12% |        |          |
| 48) 1,1,2,2-Tetrachloroeth... | 12.695         | 84   | 64360      | 21.82  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = | 87.28% |        |          |
| 61) 1,2-Dichlorobenzene-d4    | 13.853         | 152  | 91996      | 22.52  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = | 90.08% |        |          |
|                               |                |      |            |        |        |          |
| Target Compounds              |                |      |            |        | Qvalue |          |
| 2) Dichlorodifluoromethane    | 2.014          | 85   | 87632      | 24.03  | ug/L   | 95       |
| 3) Chloromethane              | 2.221          | 50   | 56221      | 23.52  | ug/L   | 97       |
| 5) Vinyl chloride             | 2.367          | 62   | 91282      | 24.86  | ug/L   | 96       |
| 6) Bromomethane               | 2.788          | 94   | 64162      | 23.50  | ug/L   | 100      |
| 8) Chloroethane               | 2.934          | 64   | 51749      | 24.55  | ug/L   | 97       |
| 9) Trichlorofluoromethane     | 3.270          | 101  | 87150      | 28.14  | ug/L   | 97       |
| 11) 1,1,2-Trichloro-1,2,2-... | 4.074          | 101  | 91192      | 24.36  | ug/L   | 99       |
| 12) 1,1-Dichloroethene        | 4.050          | 96   | 89124      | 25.81  | ug/L   | 96       |
| 13) Acetone                   | 4.074          | 43   | 651        | 1.23   | ug/L   | 54       |
| 14) Carbon disulfide          | 4.391          | 76   | 250206     | 24.87  | ug/L   | 98       |
| 15) Methyl Acetate            | 4.678          | 43   | 22914      | 20.04  | ug/L   | 97       |
| 16) Methylene chloride        | 4.922          | 84   | 88185      | 21.98  | ug/L   | 98       |
| 17) Methyl tert-butyl Ether   | 5.434          | 73   | 91093      | 23.00  | ug/L   | 98       |
| 18) trans-1,2-Dichloroethene  | 5.428          | 96   | 90229      | 24.59  | ug/L   | 95       |
| 19) 1,1-Dichloroethane        | 6.220          | 63   | 146377     | 24.34  | ug/L   | 97       |
| 21) 2-Butanone                | 7.177          | 43   | 29536      | 40.32  | ug/L   | 97       |
| 22) cis-1,2-Dichloroethene    | 7.171          | 96   | 91690      | 23.88  | ug/L   | 99       |
| 23) Bromochloromethane        | 7.519          | 128  | 40031      | 23.16  | ug/L   | 96       |
| 25) Chloroform                | 7.677          | 83   | 169616     | 24.61  | ug/L   | 99       |
| 27) 1,2-Dichloroethane        | 8.403          | 62   | 107011     | 23.41  | ug/L   | 97       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW031121\  
 Data File : VW018301.D  
 Acq On : 11 Mar 2021 15:56  
 Operator : SY/VA  
 Sample : VSTDCCC025EC  
 Misc : 5.00G/10ML/MSVOA\_W/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTD02538

Quant Time: Mar 12 00:29:19 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SOM2WLM030821S.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Mar 12 00:26:52 2021  
 Response via : Initial Calibration

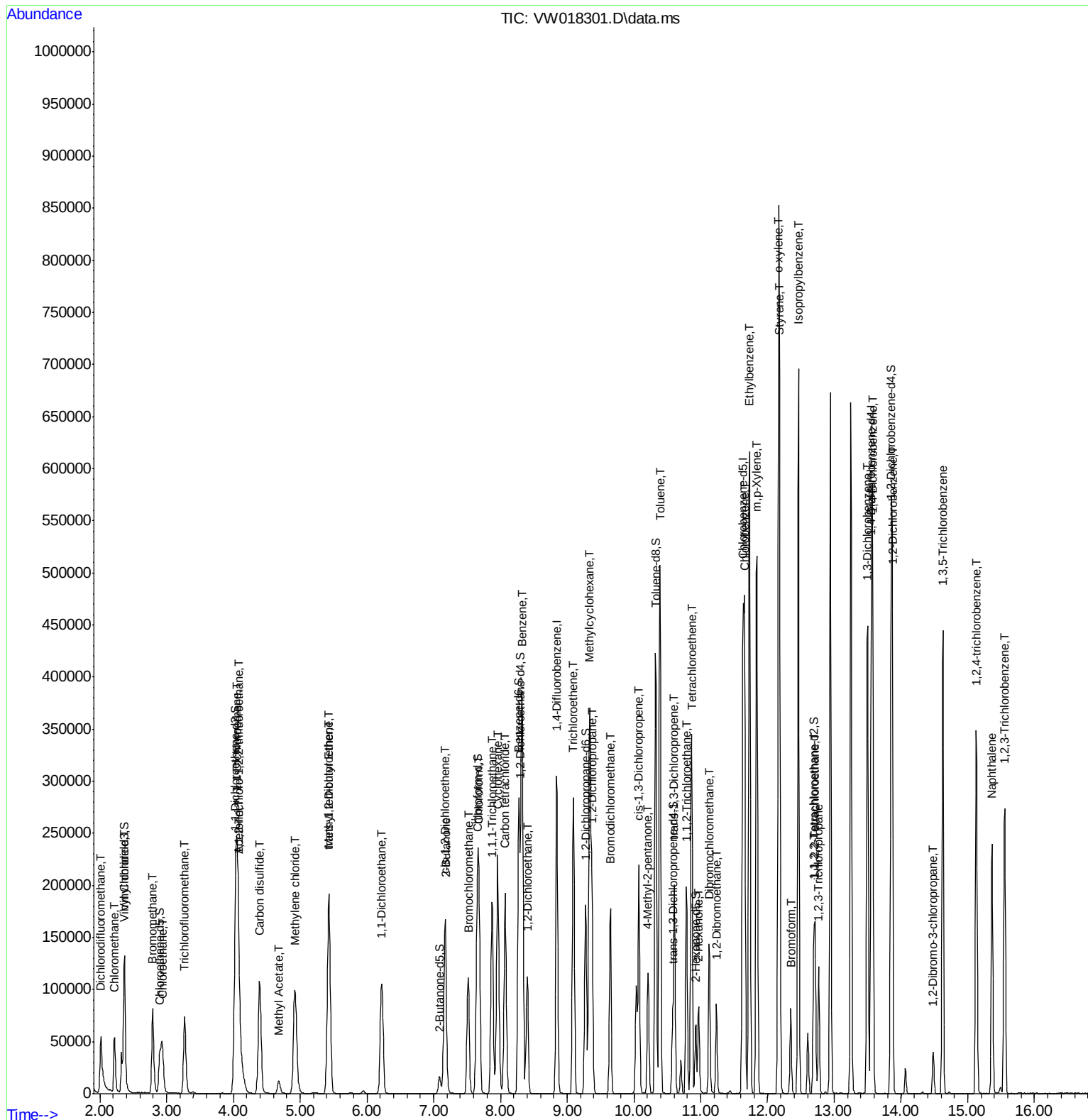
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| 30) Cyclohexane               | 7.958  | 56   | 128114   | 25.39 | ug/L  | 100      |
| 31) 1,1,1-Trichloroethane     | 7.872  | 97   | 149953   | 25.98 | ug/L  | 99       |
| 32) Carbon tetrachloride      | 8.074  | 117  | 140589   | 25.30 | ug/L  | 99       |
| 34) Benzene                   | 8.324  | 78   | 336750   | 25.03 | ug/L  | 100      |
| 35) Trichloroethene           | 9.092  | 95   | 97486    | 24.72 | ug/L  | 98       |
| 36) Methylcyclohexane         | 9.336  | 83   | 158364   | 24.97 | ug/L  | 99       |
| 40) 1,2-Dichloropropane       | 9.372  | 63   | 76837    | 24.59 | ug/L  | 100      |
| 41) Bromodichloromethane      | 9.646  | 83   | 117843   | 24.25 | ug/L  | 99       |
| 42) cis-1,3-Dichloropropene   | 10.073 | 75   | 128724   | 24.58 | ug/L  | 98       |
| 43) 4-Methyl-2-pentanone      | 10.207 | 43   | 69399    | 42.78 | ug/L  | 99       |
| 44) Toluene                   | 10.390 | 91   | 383143   | 25.42 | ug/L  | 99       |
| 45) trans-1,3-Dichloropropene | 10.604 | 75   | 110127   | 23.54 | ug/L  | 100      |
| 46) 1,1,2-Trichloroethane     | 10.787 | 97   | 59894    | 23.33 | ug/L  | 99       |
| 47) Tetrachloroethene         | 10.866 | 164  | 70943    | 24.03 | ug/L  | 93       |
| 49) 2-Hexanone                | 10.969 | 43   | 47242    | 42.24 | ug/L  | 98       |
| 50) Dibromochloromethane      | 11.128 | 129  | 76528    | 24.24 | ug/L  | 97       |
| 51) 1,2-Dibromoethane         | 11.232 | 107  | 57982    | 22.92 | ug/L  | 99       |
| 52) Chlorobenzene             | 11.658 | 112  | 237378   | 24.30 | ug/L  | 99       |
| 53) Ethylbenzene              | 11.731 | 91   | 441139   | 25.46 | ug/L  | 98       |
| 54) m,p-Xylene                | 11.841 | 106  | 163589   | 24.92 | ug/L  | 99       |
| 55) o-xylene                  | 12.164 | 106  | 154518   | 25.17 | ug/L  | 98       |
| 56) Styrene                   | 12.183 | 104  | 262843   | 25.02 | ug/L  | 95       |
| 57) Isopropylbenzene          | 12.463 | 105  | 437332   | 25.11 | ug/L  | 99       |
| 58) 1,1,2,2-Tetrachloroethane | 12.713 | 83   | 64967    | 21.94 | ug/L  | 92       |
| 59) 1,2,3-Trichloropropane    | 12.768 | 75   | 49620    | 22.11 | ug/L  | 99       |
| 62) Bromoform                 | 12.353 | 173  | 35677    | 21.58 | ug/L  | 95       |
| 63) 1,3-Dichlorobenzene       | 13.499 | 146  | 181190   | 24.27 | ug/L  | 93       |
| 64) 1,4-Dichlorobenzene       | 13.579 | 146  | 184524   | 24.98 | ug/L  | 87       |
| 65) 1,2-Dichlorobenzene       | 13.871 | 146  | 156853   | 23.35 | ug/L  | 96       |
| 66) 1,2-Dibromo-3-chloropr... | 14.481 | 75   | 11065    | 21.10 | ug/L  | 92       |
| 67) 1,3,5-Trichlorobenzene    | 14.627 | 180  | 125039   | 22.95 | ug/L  | 95       |
| 68) 1,2,4-trichlorobenzene    | 15.127 | 180  | 105746   | 23.65 | ug/L  | 96       |
| 69) Naphthalene               | 15.365 | 128  | 199913   | 22.72 | ug/L  | 99       |
| 70) 1,2,3-Trichlorobenzene    | 15.554 | 180  | 85020    | 21.85 | ug/L  | 96       |

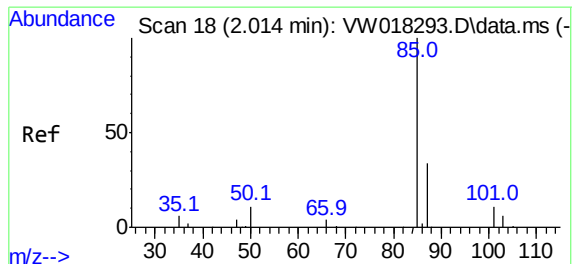
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW031121\  
Data File : VW018301.D  
Acq On : 11 Mar 2021 15:56  
Operator : SY/VA  
Sample : VSTDCCC025EC  
Misc : 5.00G/10ML/MSVOA\_W/SOIL  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTD02538

Quant Time: Mar 12 00:29:19 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SOM2WLM030821S.M  
Quant Title : VOC Analysis  
QLast Update : Fri Mar 12 00:26:52 2021  
Response via : Initial Calibration

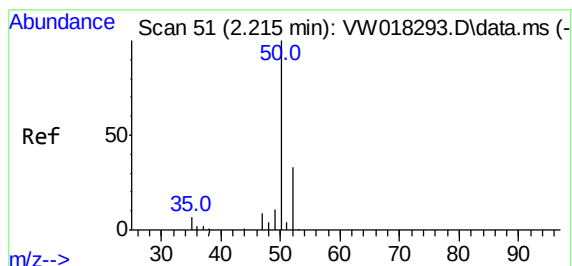
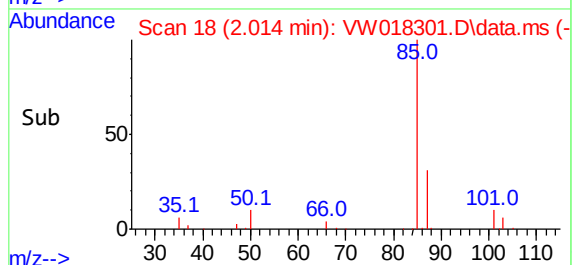
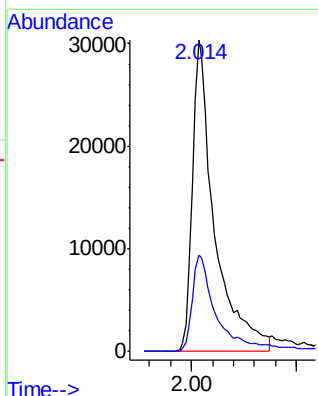
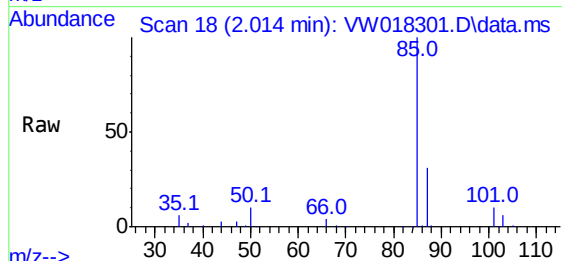




#2  
Dichlorodifluoromethane  
Concen: 24.03 ug/L  
RT: 2.014 min Scan# 18  
Delta R.T. 0.000 min  
Lab File: VW018301.D  
Acq: 11 Mar 2021 15:56

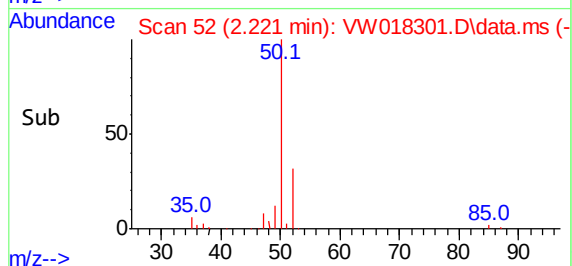
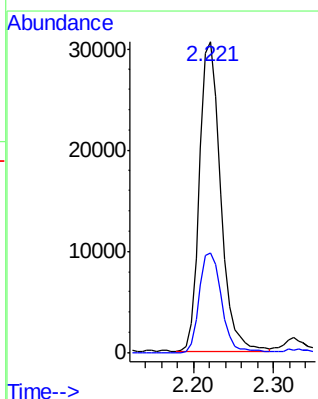
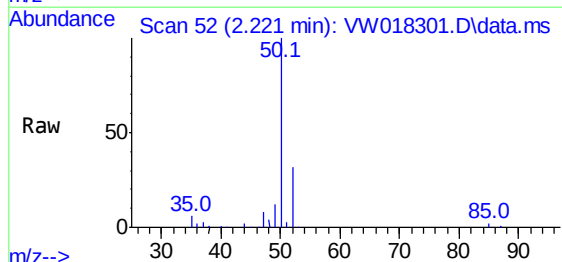
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTD02538

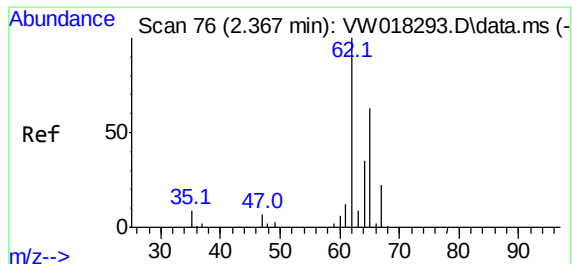
Tgt Ion: 85 Resp: 87632  
Ion Ratio Lower Upper  
85 100  
87 28.8 22.2 41.2



#3  
Chloromethane  
Concen: 23.52 ug/L  
RT: 2.221 min Scan# 52  
Delta R.T. 0.006 min  
Lab File: VW018301.D  
Acq: 11 Mar 2021 15:56

Tgt Ion: 50 Resp: 56221  
Ion Ratio Lower Upper  
50 100  
52 31.9 23.7 43.9

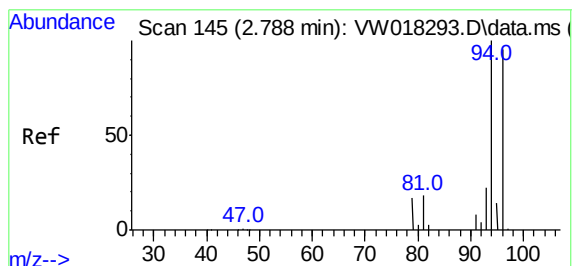
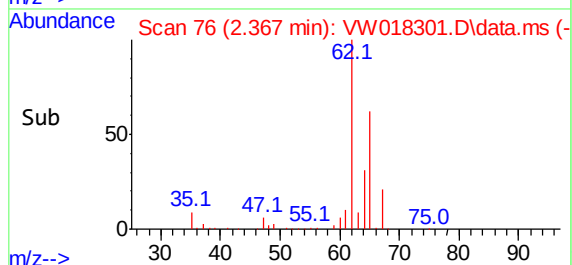
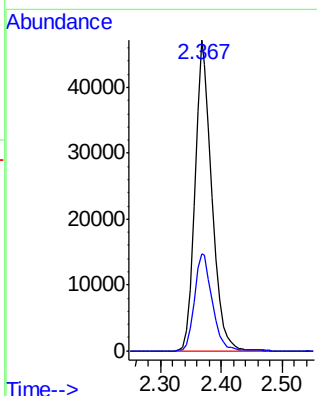
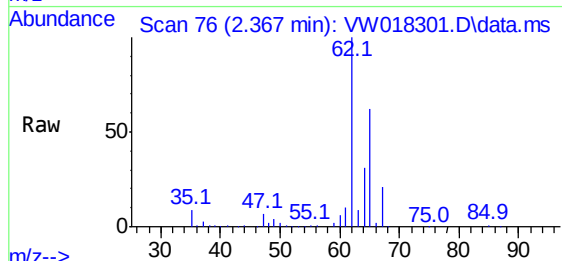




#5  
 Vinyl chloride  
 Concen: 24.86 ug/L  
 RT: 2.367 min Scan# 76  
 Delta R.T. 0.000 min  
 Lab File: VW018301.D  
 Acq: 11 Mar 2021 15:56

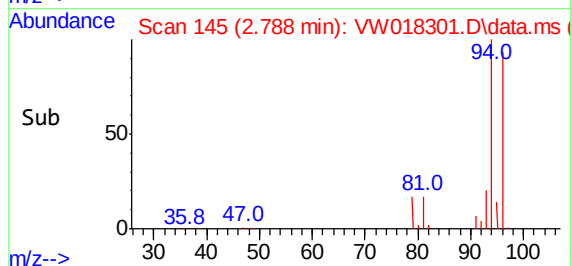
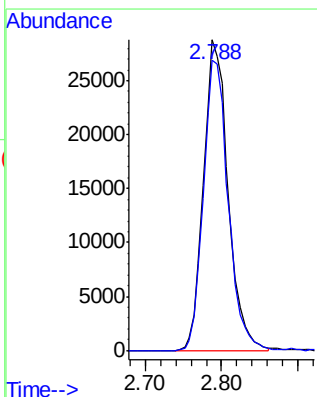
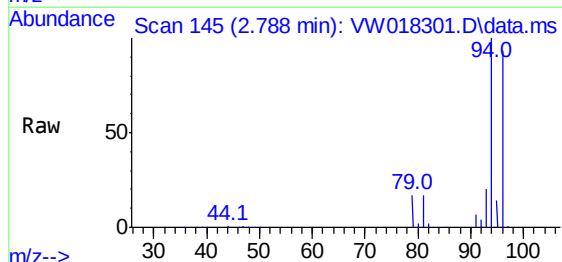
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTD02538

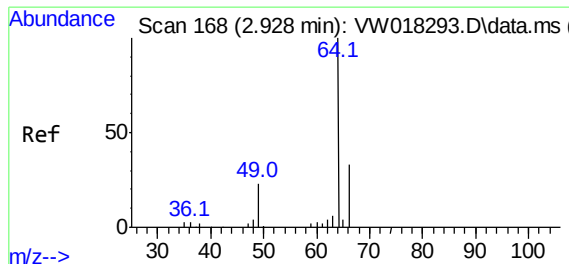
Tgt Ion: 62 Resp: 91282  
 Ion Ratio Lower Upper  
 62 100  
 64 31.2 23.5 43.7



#6  
 Bromomethane  
 Concen: 23.50 ug/L  
 RT: 2.788 min Scan# 145  
 Delta R.T. 0.000 min  
 Lab File: VW018301.D  
 Acq: 11 Mar 2021 15:56

Tgt Ion: 94 Resp: 64162  
 Ion Ratio Lower Upper  
 94 100  
 96 94.7 9.4 179.4

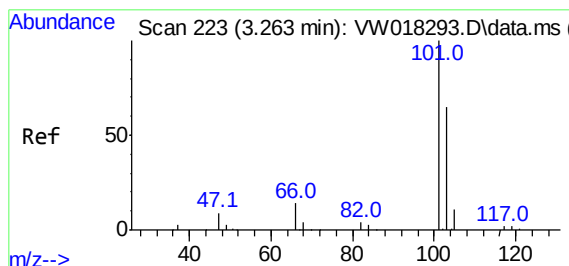
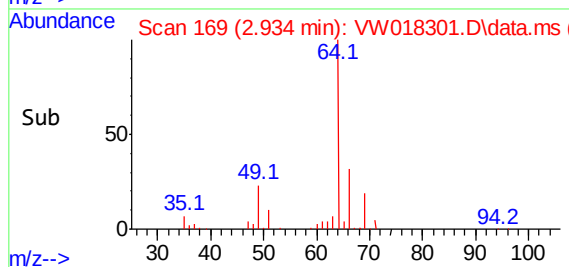
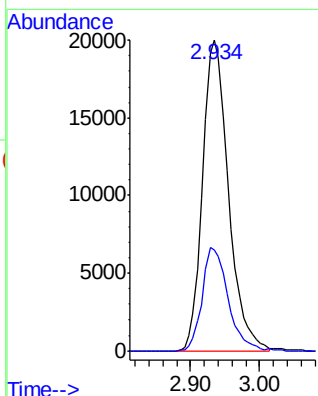
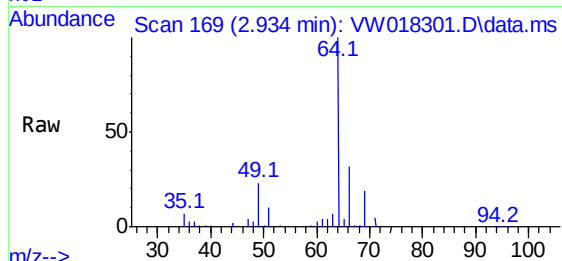




#8  
Chloroethane  
Concen: 24.55 ug/L  
RT: 2.934 min Scan# 169  
Delta R.T. 0.006 min  
Lab File: VW018301.D  
Acq: 11 Mar 2021 15:56

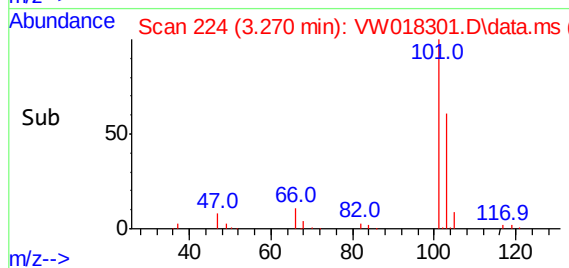
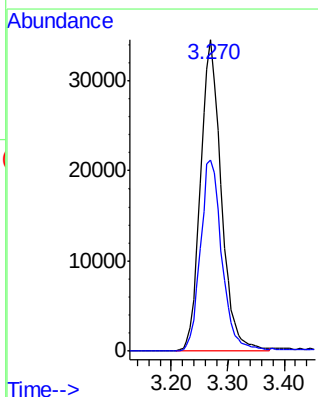
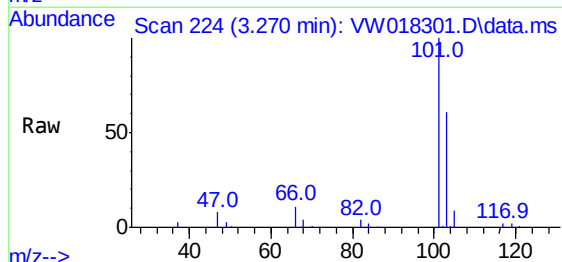
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTD02538

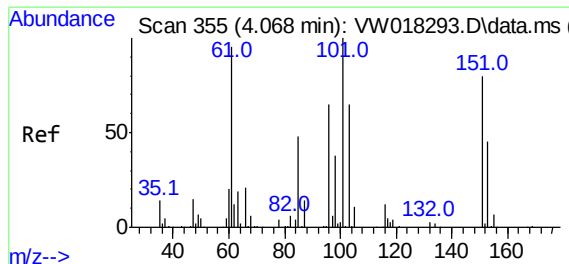
Tgt Ion: 64 Resp: 51749  
Ion Ratio Lower Upper  
64 100  
66 32.3 21.6 40.0



#9  
Trichlorofluoromethane  
Concen: 28.14 ug/L  
RT: 3.270 min Scan# 224  
Delta R.T. 0.006 min  
Lab File: VW018301.D  
Acq: 11 Mar 2021 15:56

Tgt Ion:101 Resp: 87150  
Ion Ratio Lower Upper  
101 100  
103 63.0 45.6 84.8

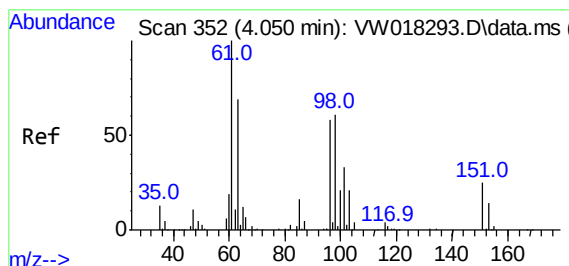
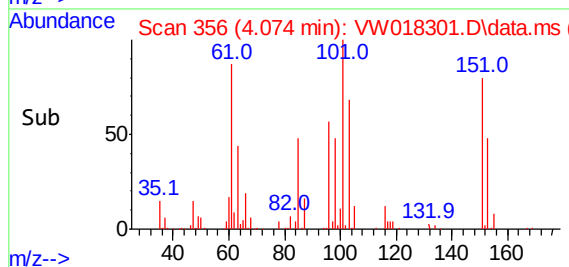
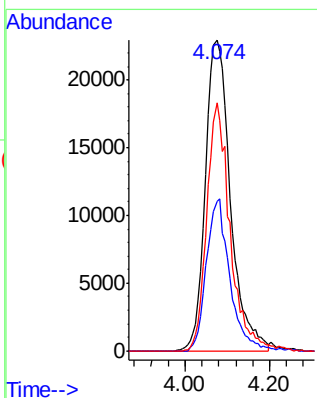
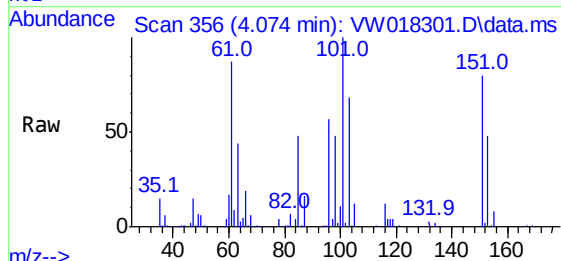




#11  
 1,1,2-Trichloro-1,2,2-trifluoroethane  
 Concen: 24.36 ug/L  
 RT: 4.074 min Scan# 356  
 Delta R.T. 0.006 min  
 Lab File: VW018301.D  
 Acq: 11 Mar 2021 15:56

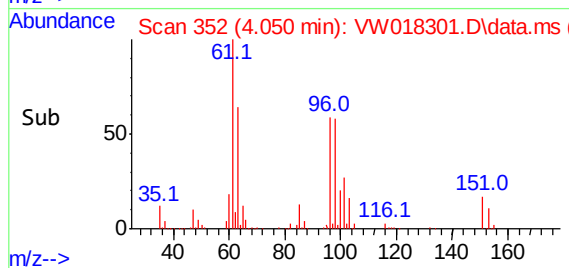
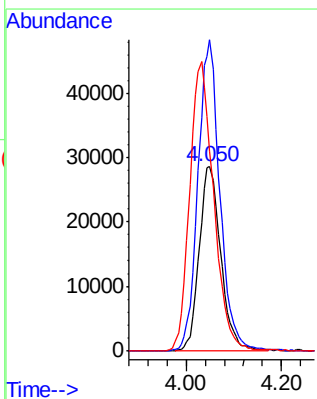
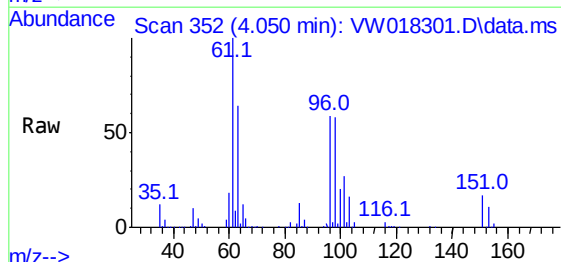
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTD02538

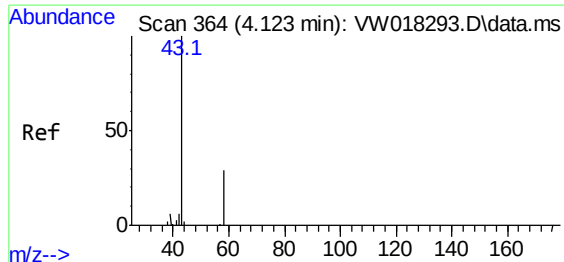
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 101   | Resp: | 91192 |
| Ion      | Ratio | Lower | Upper |
| 101      | 100   |       |       |
| 85       | 44.9  | 35.6  | 53.4  |
| 151      | 73.1  | 58.1  | 87.1  |



#12  
 1,1-Dichloroethene  
 Concen: 25.81 ug/L  
 RT: 4.050 min Scan# 352  
 Delta R.T. 0.000 min  
 Lab File: VW018301.D  
 Acq: 11 Mar 2021 15:56

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 96    | Resp: | 89124 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 169.0 | 118.6 | 220.2 |
| 63       | 108.4 | 82.4  | 153.0 |

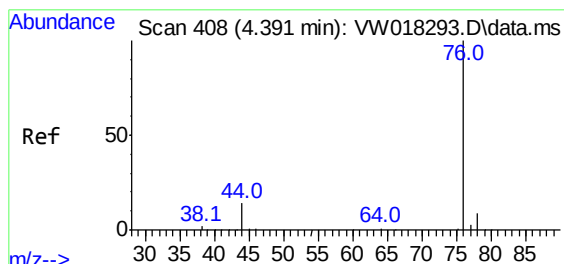
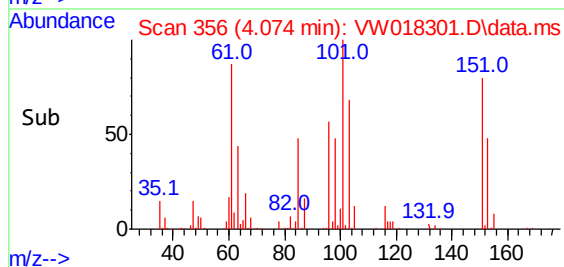
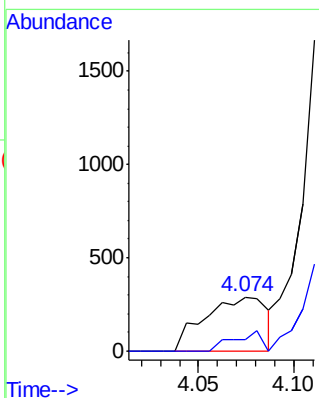
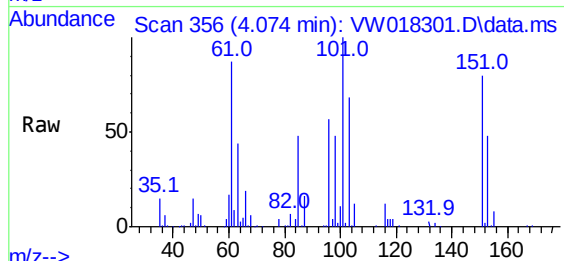




#13  
Acetone  
Concen: 1.23 ug/L  
RT: 4.074 min Scan# 356  
Delta R.T. -0.049 min  
Lab File: VW018301.D  
Acq: 11 Mar 2021 15:56

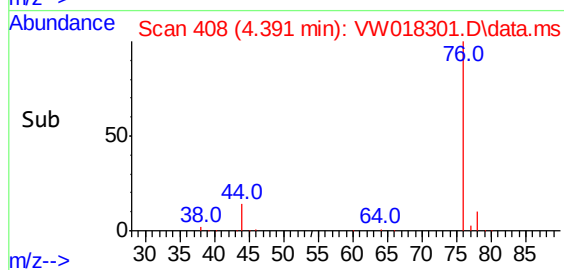
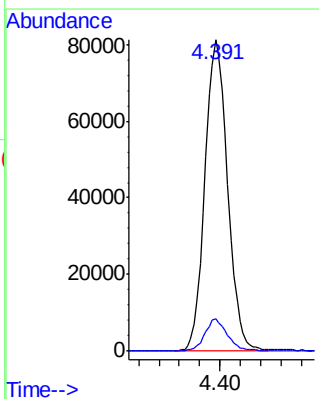
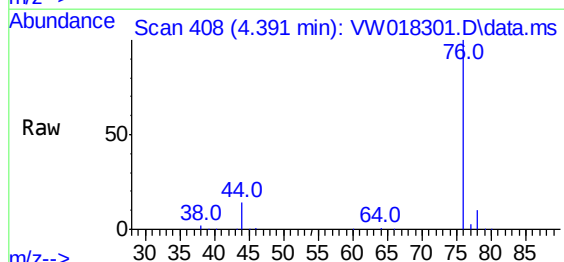
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTD02538

Tgt Ion: 43 Resp: 651  
Ion Ratio Lower Upper  
43 100  
58 6.0 0.0 62.2

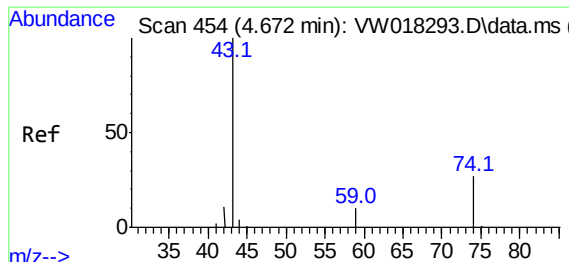


#14  
Carbon disulfide  
Concen: 24.87 ug/L  
RT: 4.391 min Scan# 408  
Delta R.T. 0.000 min  
Lab File: VW018301.D  
Acq: 11 Mar 2021 15:56

Tgt Ion: 76 Resp: 250206  
Ion Ratio Lower Upper  
76 100  
78 10.0 7.4 11.2



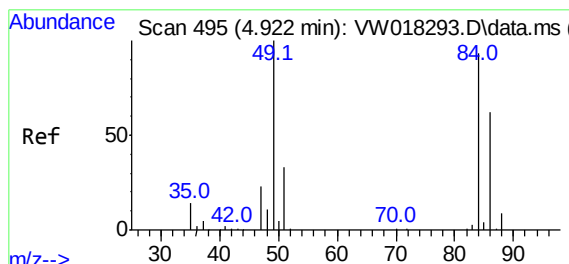
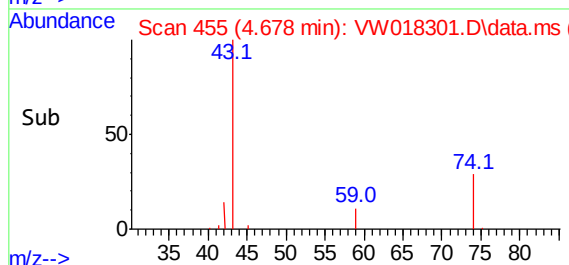
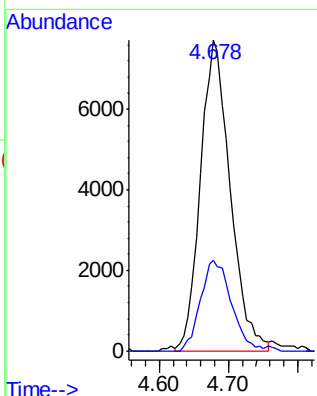
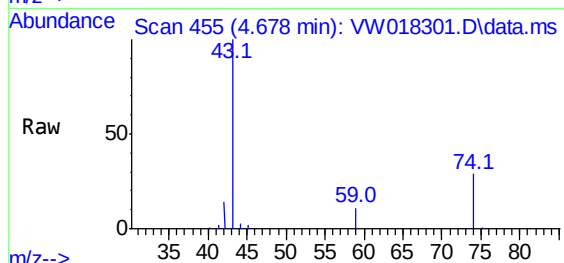




#15  
Methyl Acetate  
Concen: 20.04 ug/L  
RT: 4.678 min Scan# 455  
Delta R.T. 0.006 min  
Lab File: VW018301.D  
Acq: 11 Mar 2021 15:56

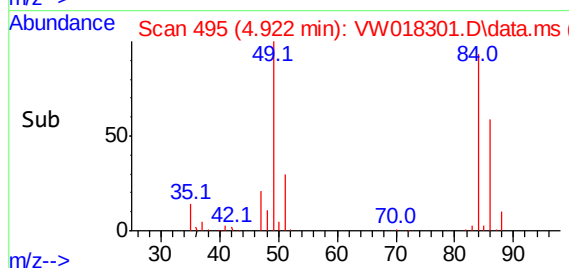
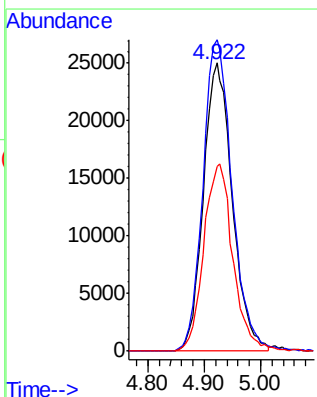
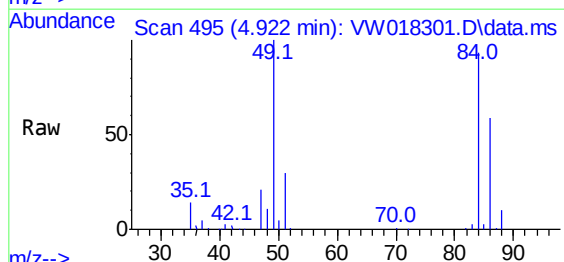
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTD02538

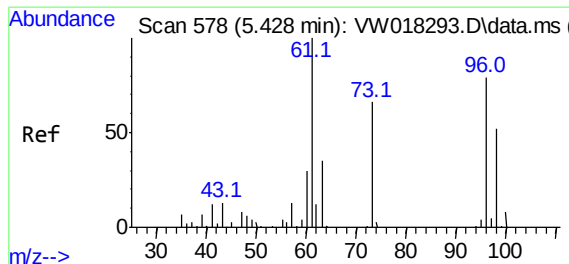
Tgt Ion: 43 Resp: 22914  
Ion Ratio Lower Upper  
43 100  
74 30.2 22.9 34.3



#16  
Methylene chloride  
Concen: 21.98 ug/L  
RT: 4.922 min Scan# 495  
Delta R.T. 0.000 min  
Lab File: VW018301.D  
Acq: 11 Mar 2021 15:56

Tgt Ion: 84 Resp: 88185  
Ion Ratio Lower Upper  
84 100  
49 107.8 74.4 138.2  
86 63.9 46.1 85.7



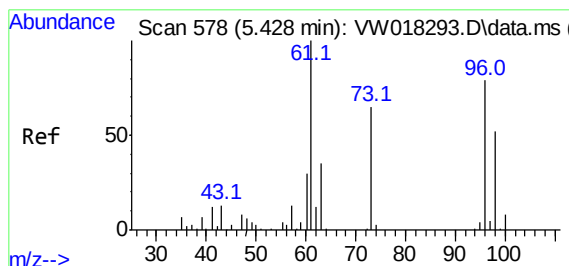
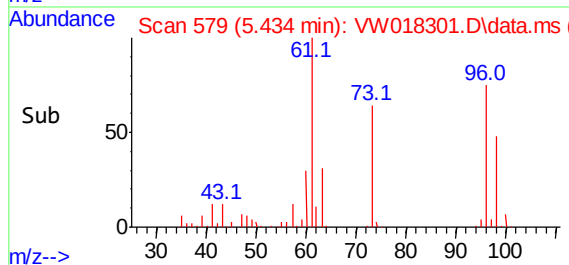
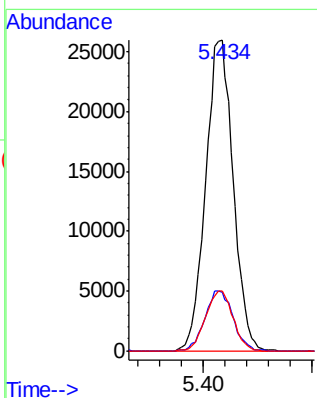
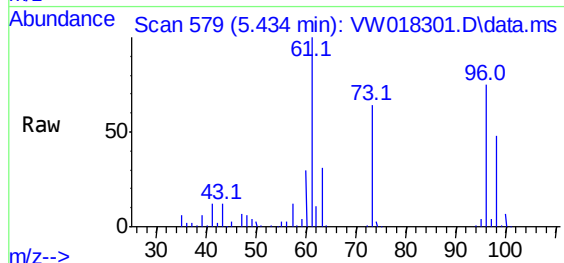


#17  
Methyl tert-butyl Ether  
Concen: 23.00 ug/L  
RT: 5.434 min Scan# 579  
Delta R.T. 0.006 min  
Lab File: VW018301.D  
Acq: 11 Mar 2021 15:56

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTD02538

Tgt Ion: 73 Resp: 91093

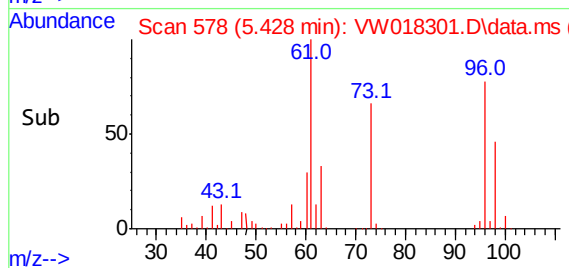
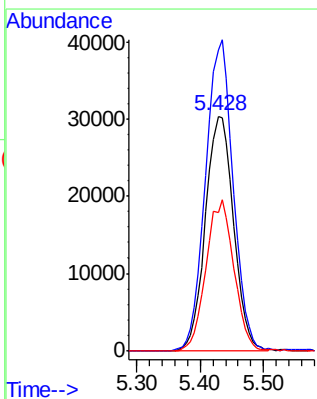
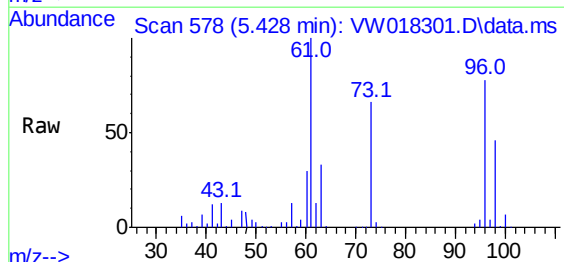
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 73  | 100   |       |       |
| 43  | 19.2  | 16.6  | 24.8  |
| 57  | 19.4  | 15.9  | 23.9  |

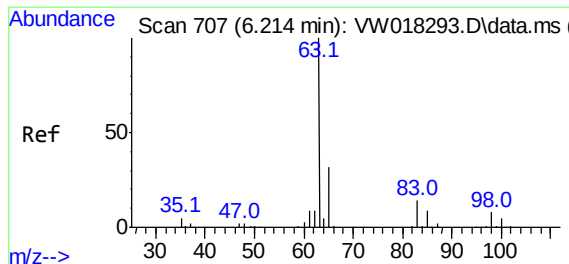


#18  
trans-1,2-Dichloroethene  
Concen: 24.59 ug/L  
RT: 5.428 min Scan# 578  
Delta R.T. 0.000 min  
Lab File: VW018301.D  
Acq: 11 Mar 2021 15:56

Tgt Ion: 96 Resp: 90229

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 128.2 | 93.3  | 173.3 |
| 98  | 59.0  | 45.2  | 84.0  |



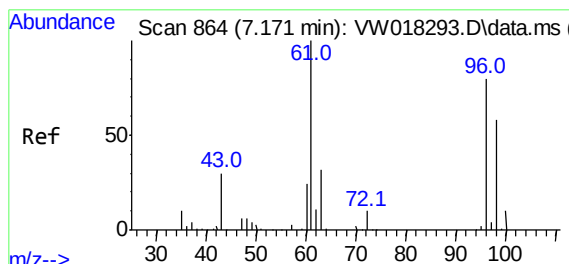
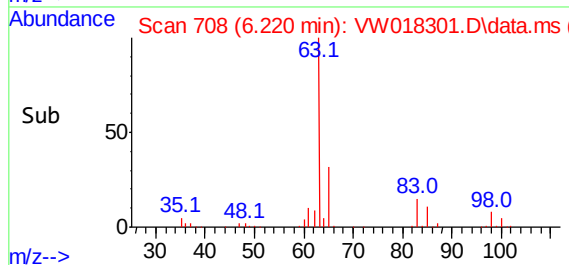
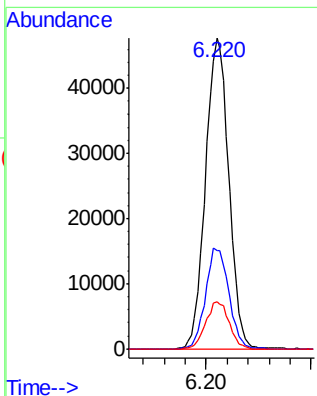
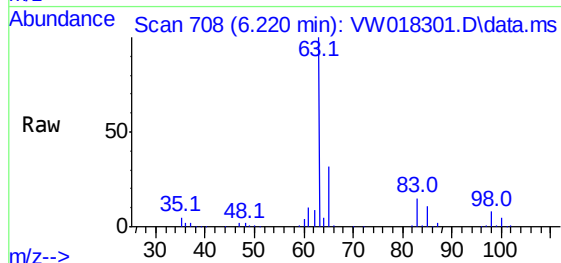


#19  
1,1-Dichloroethane  
Concen: 24.34 ug/L  
RT: 6.220 min Scan# 708  
Delta R.T. 0.006 min  
Lab File: VW018301.D  
Acq: 11 Mar 2021 15:56

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTD02538

Tgt Ion: 63 Resp: 146377

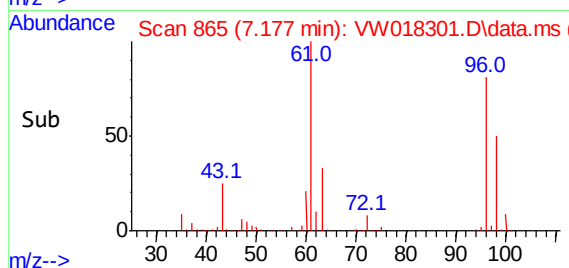
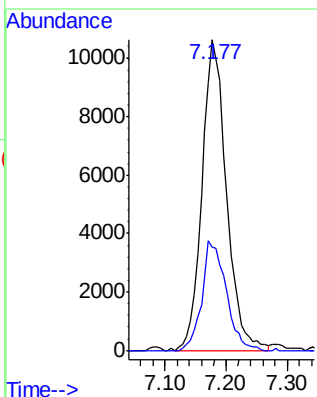
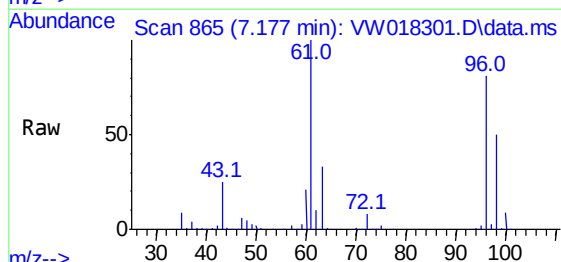
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 63  | 100   |       |       |
| 65  | 31.5  | 23.5  | 43.7  |
| 83  | 15.0  | 10.3  | 19.1  |

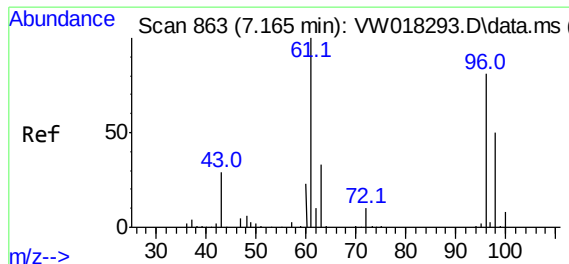


#21  
2-Butanone  
Concen: 40.32 ug/L  
RT: 7.177 min Scan# 865  
Delta R.T. 0.006 min  
Lab File: VW018301.D  
Acq: 11 Mar 2021 15:56

Tgt Ion: 43 Resp: 29536

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 72  | 34.9  | 16.5  | 49.5  |

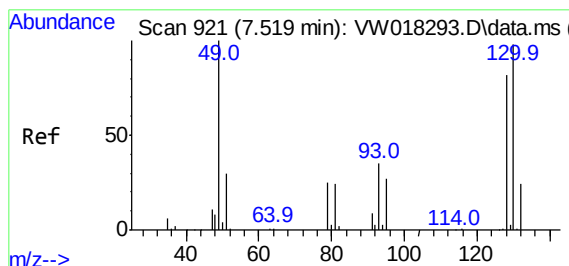
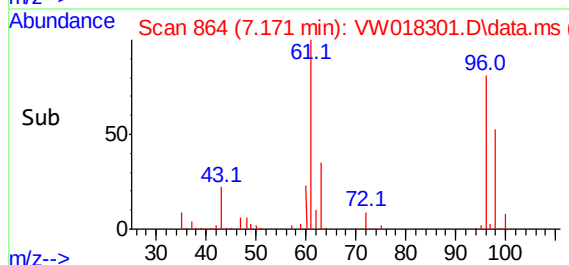
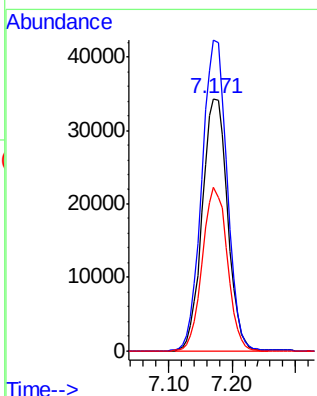
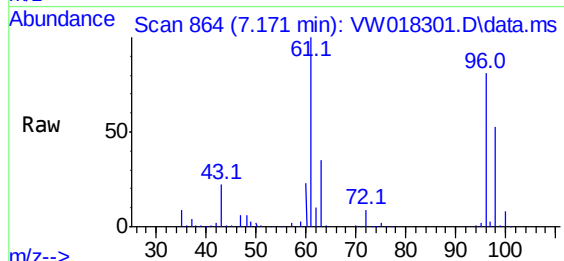




#22  
cis-1,2-Dichloroethene  
Concen: 23.88 ug/L  
RT: 7.171 min Scan# 864  
Delta R.T. 0.006 min  
Lab File: VW018301.D  
Acq: 11 Mar 2021 15:56

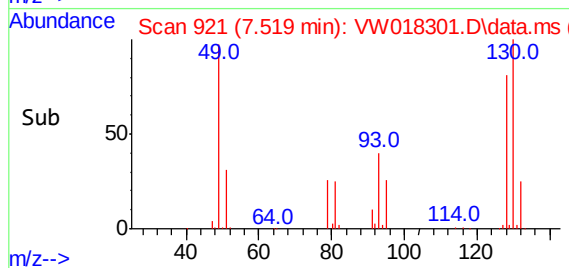
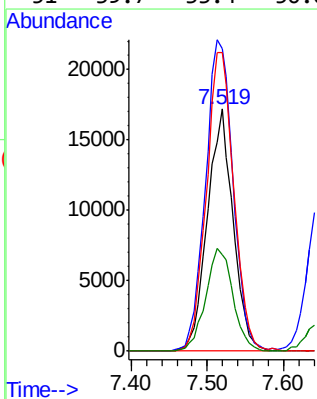
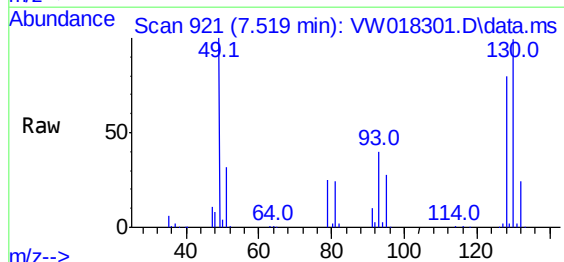
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTD02538

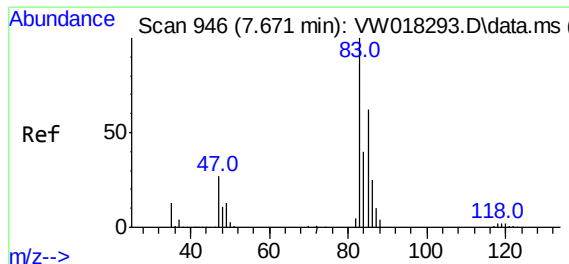
Tgt Ion: 96 Resp: 91690  
Ion Ratio Lower Upper  
96 100  
61 123.1 84.8 157.6  
98 64.9 45.1 83.9



#23  
Bromochloromethane  
Concen: 23.16 ug/L  
RT: 7.519 min Scan# 921  
Delta R.T. 0.000 min  
Lab File: VW018301.D  
Acq: 11 Mar 2021 15:56

Tgt Ion: 128 Resp: 40031  
Ion Ratio Lower Upper  
128 100  
49 125.1 92.4 171.6  
130 123.4 83.9 155.7  
51 39.7 33.4 50.0

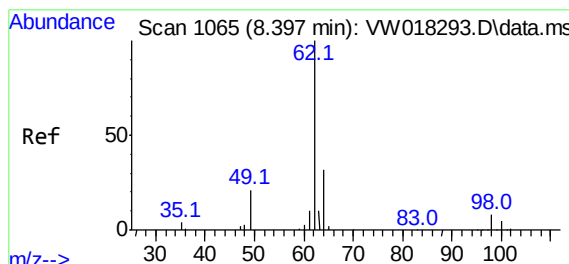
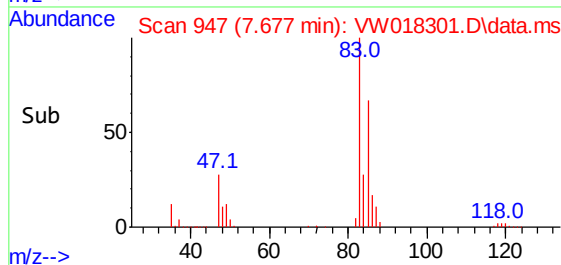
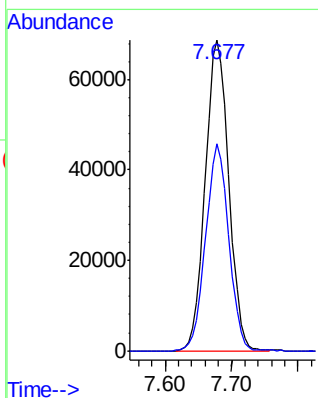
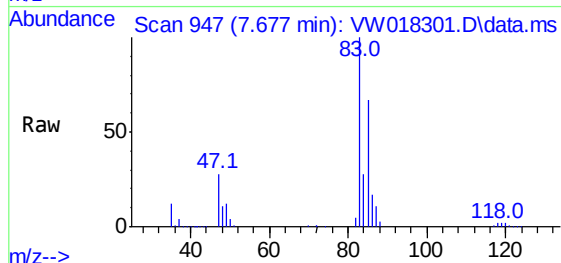




#25  
Chloroform  
Concen: 24.61 ug/L  
RT: 7.677 min Scan# 947  
Delta R.T. 0.006 min  
Lab File: VW018301.D  
Acq: 11 Mar 2021 15:56

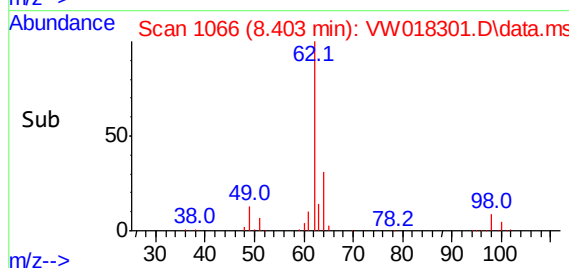
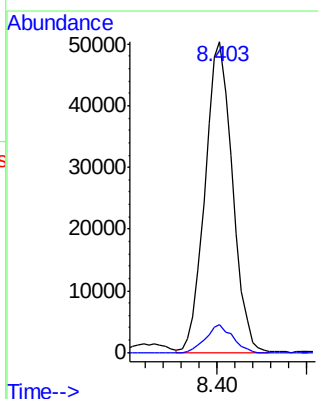
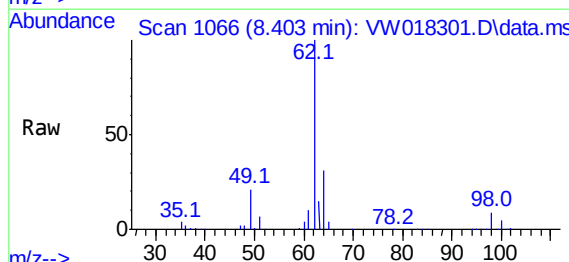
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTD02538

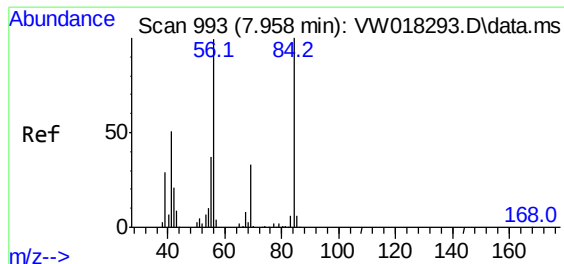
Tgt Ion: 83 Resp: 169616  
Ion Ratio Lower Upper  
83 100  
85 65.7 46.4 86.2



#27  
1,2-Dichloroethane  
Concen: 23.41 ug/L  
RT: 8.403 min Scan# 1066  
Delta R.T. 0.006 min  
Lab File: VW018301.D  
Acq: 11 Mar 2021 15:56

Tgt Ion: 62 Resp: 107011  
Ion Ratio Lower Upper  
62 100  
98 9.0 6.4 9.6

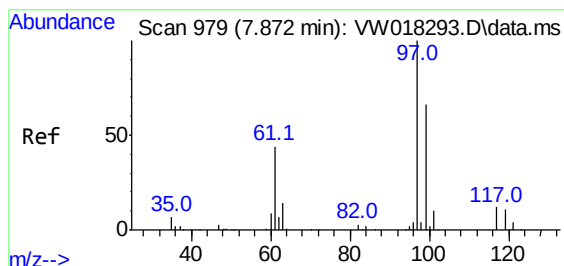
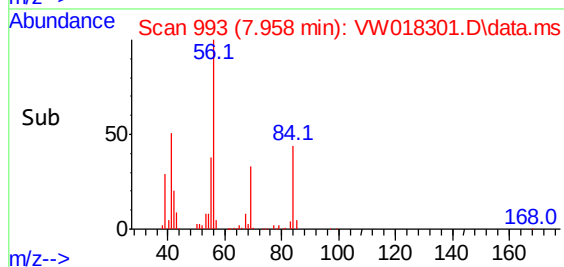
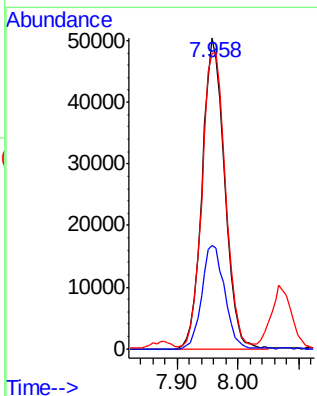
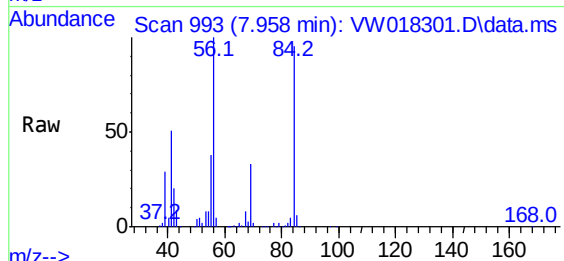




#30  
Cyclohexane  
Concen: 25.39 ug/L  
RT: 7.958 min Scan# 993  
Delta R.T. 0.000 min  
Lab File: VW018301.D  
Acq: 11 Mar 2021 15:56

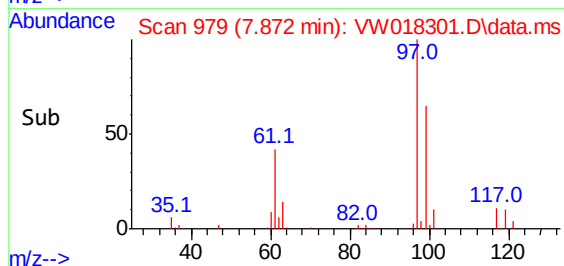
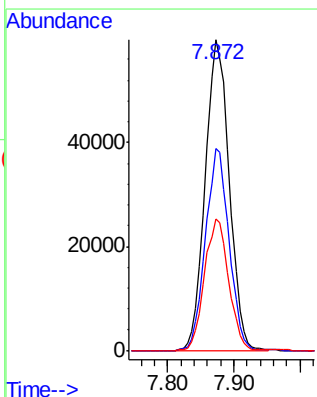
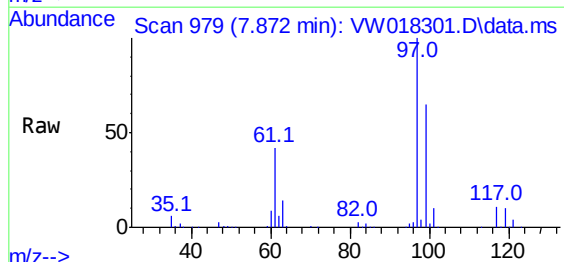
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTD02538

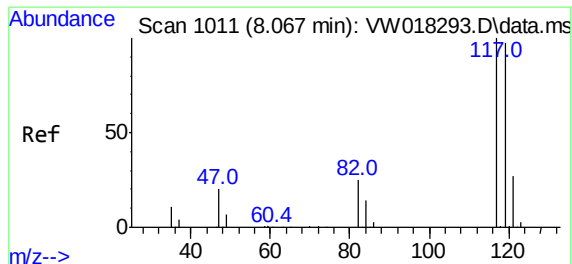
Tgt Ion: 56 Resp: 128114  
Ion Ratio Lower Upper  
56 100  
69 33.9 27.0 40.6  
84 100.4 79.9 119.9



#31  
1,1,1-Trichloroethane  
Concen: 25.98 ug/L  
RT: 7.872 min Scan# 979  
Delta R.T. 0.000 min  
Lab File: VW018301.D  
Acq: 11 Mar 2021 15:56

Tgt Ion: 97 Resp: 149953  
Ion Ratio Lower Upper  
97 100  
99 63.7 51.7 77.5  
61 42.6 34.8 52.2

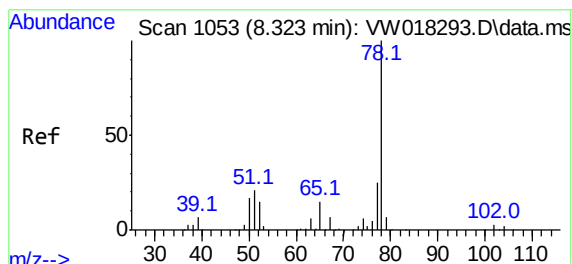
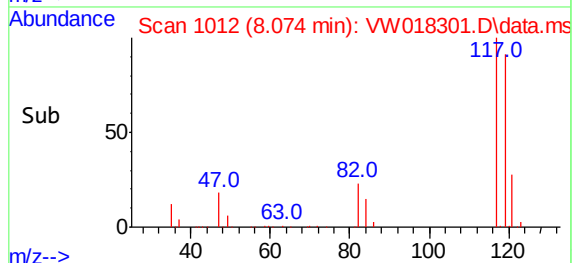
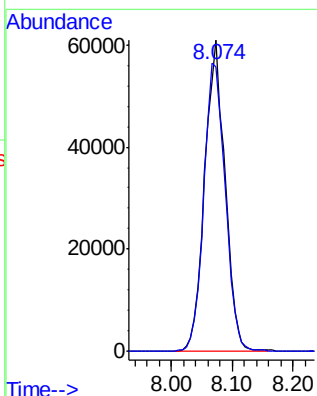
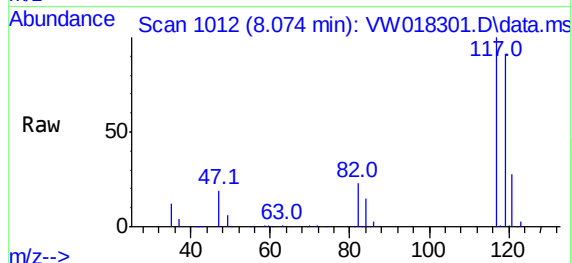




#32  
Carbon tetrachloride  
Concen: 25.30 ug/L  
RT: 8.074 min Scan# 1012  
Delta R.T. 0.006 min  
Lab File: VW018301.D  
Acq: 11 Mar 2021 15:56

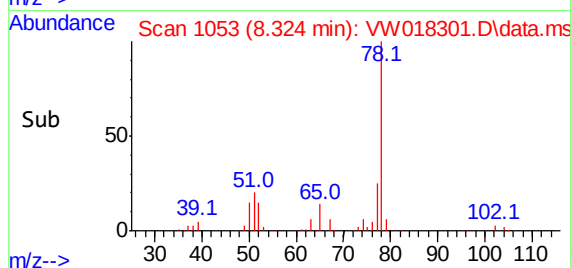
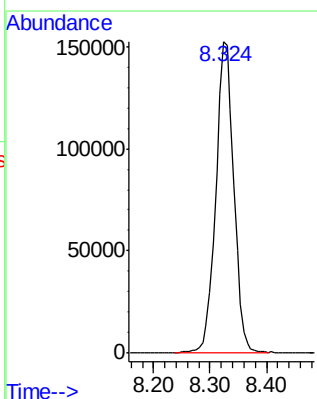
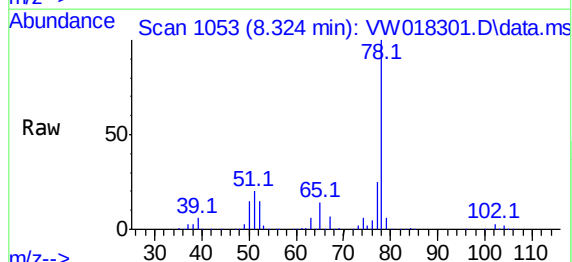
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTD02538

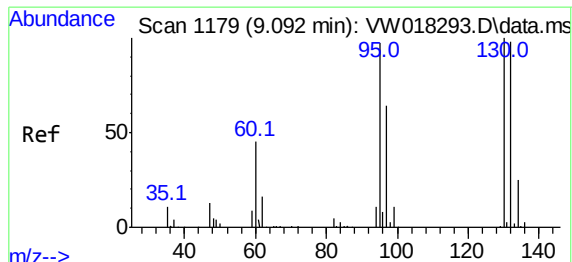
Tgt Ion:117 Resp: 140589  
Ion Ratio Lower Upper  
117 100  
119 97.3 76.7 115.1



#34  
Benzene  
Concen: 25.03 ug/L  
RT: 8.324 min Scan# 1053  
Delta R.T. 0.000 min  
Lab File: VW018301.D  
Acq: 11 Mar 2021 15:56

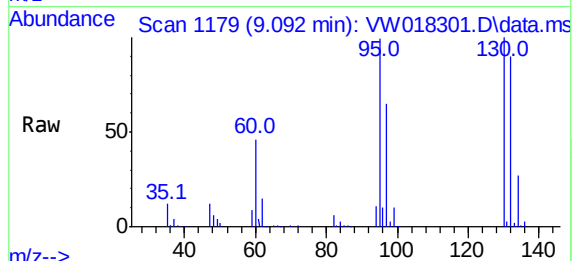
Tgt Ion: 78 Resp: 336750





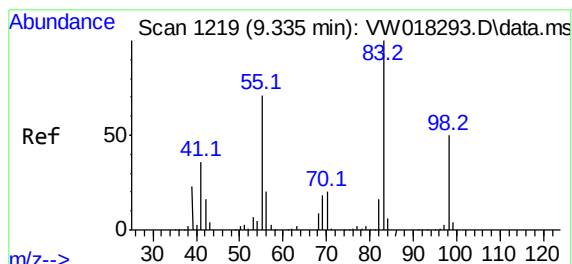
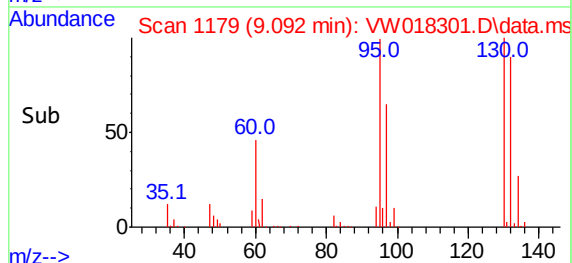
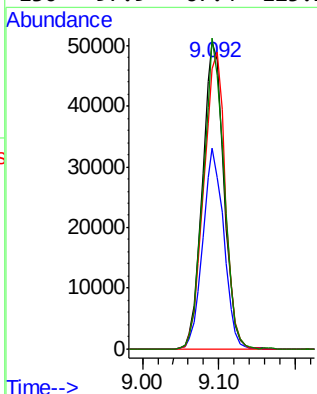
#35  
Trichloroethene  
Concen: 24.72 ug/L  
RT: 9.092 min Scan# 1179  
Delta R.T. 0.000 min  
Lab File: VW018301.D  
Acq: 11 Mar 2021 15:56

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTD02538



Tgt Ion: 95 Resp: 97486

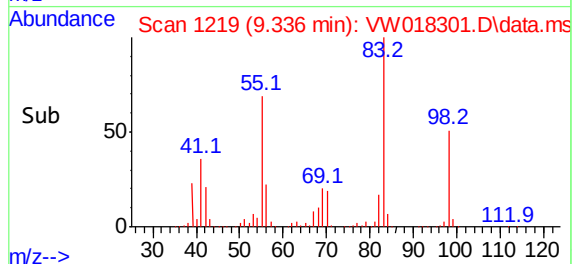
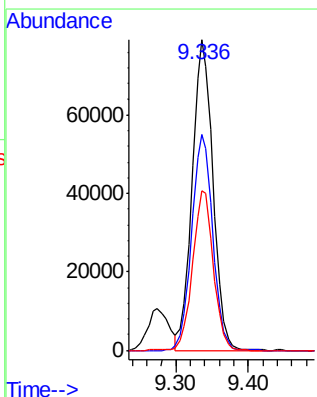
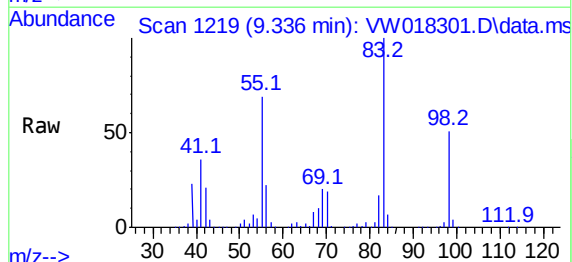
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 95  | 100   |       |       |
| 97  | 64.2  | 44.4  | 82.4  |
| 132 | 97.2  | 65.9  | 122.5 |
| 130 | 97.9  | 67.4  | 125.2 |



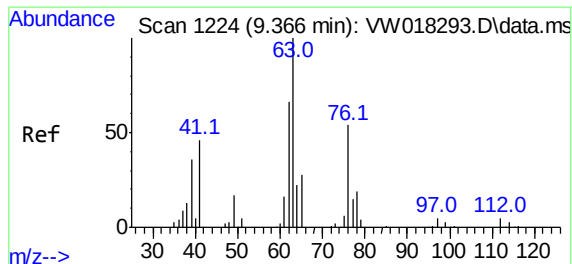
#36  
Methylcyclohexane  
Concen: 24.97 ug/L  
RT: 9.336 min Scan# 1219  
Delta R.T. 0.000 min  
Lab File: VW018301.D  
Acq: 11 Mar 2021 15:56

Tgt Ion: 83 Resp: 158364

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 55  | 70.6  | 56.8  | 85.2  |
| 98  | 51.5  | 40.6  | 61.0  |



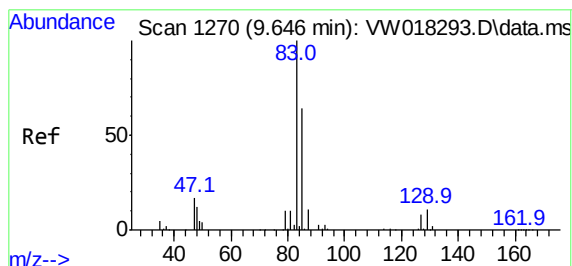
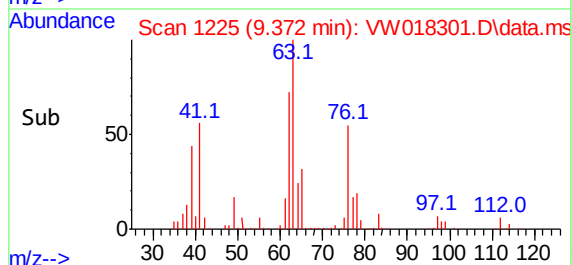
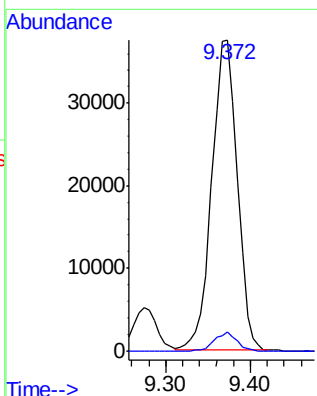
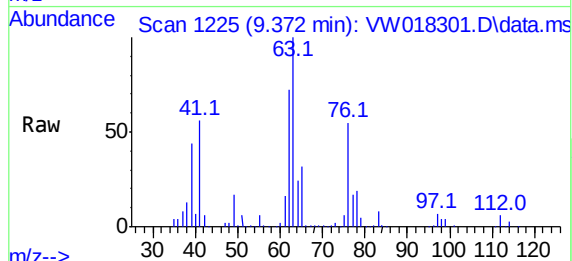




#40  
1,2-Dichloropropane  
Concen: 24.59 ug/L  
RT: 9.372 min Scan# 1225  
Delta R.T. 0.006 min  
Lab File: VW018301.D  
Acq: 11 Mar 2021 15:56

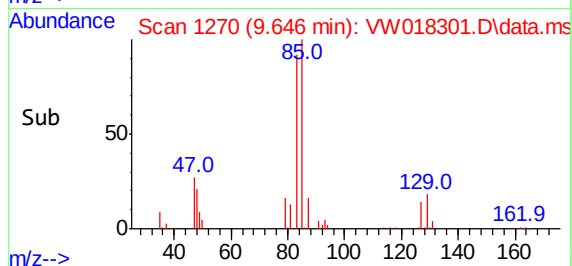
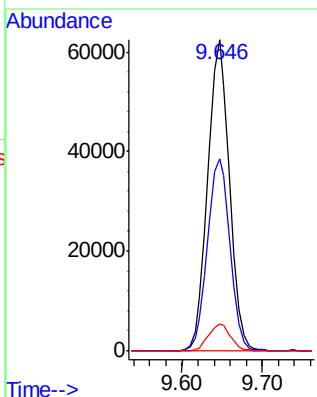
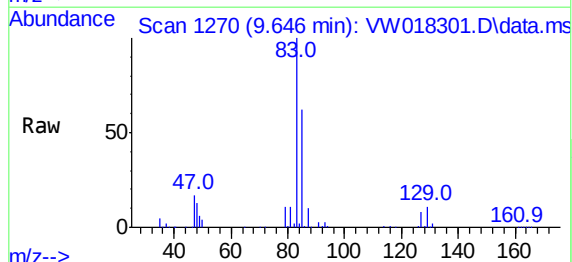
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTD02538

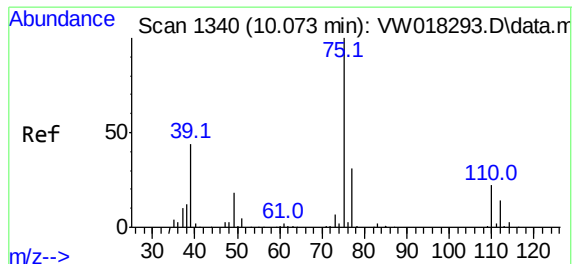
Tgt Ion: 63 Resp: 76837  
Ion Ratio Lower Upper  
63 100  
112 5.2 4.2 6.4



#41  
Bromodichloromethane  
Concen: 24.25 ug/L  
RT: 9.646 min Scan# 1270  
Delta R.T. 0.000 min  
Lab File: VW018301.D  
Acq: 11 Mar 2021 15:56

Tgt Ion: 83 Resp: 117843  
Ion Ratio Lower Upper  
83 100  
85 61.6 43.8 81.4  
127 8.4 6.9 10.3

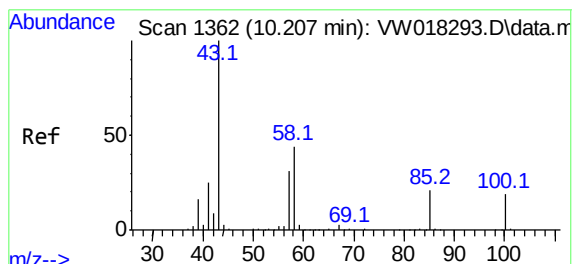
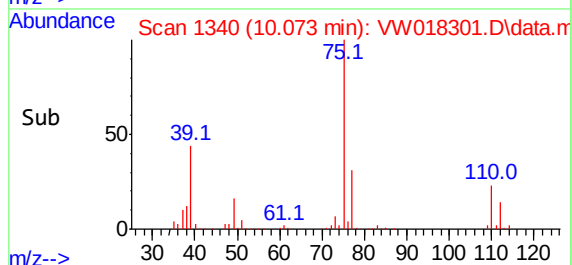
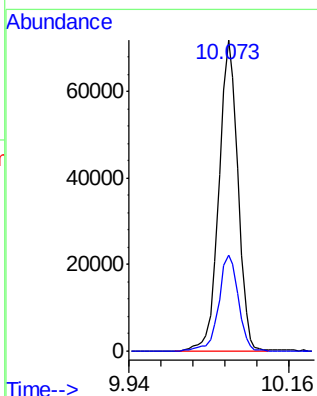
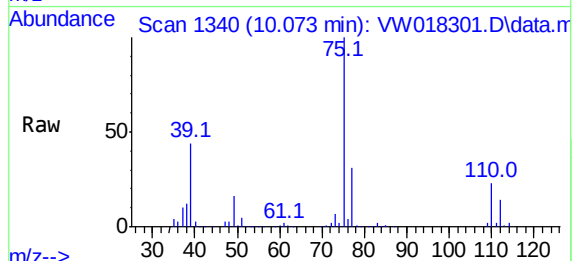




#42  
cis-1,3-Dichloropropene  
Concen: 24.58 ug/L  
RT: 10.073 min Scan# 1340  
Delta R.T. 0.000 min  
Lab File: VW018301.D  
Acq: 11 Mar 2021 15:56

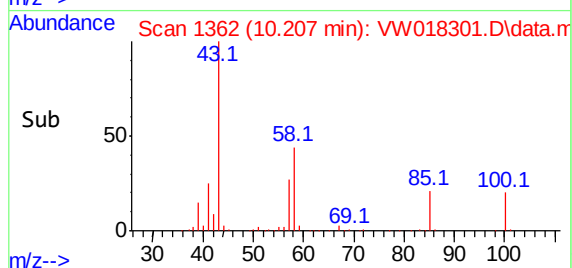
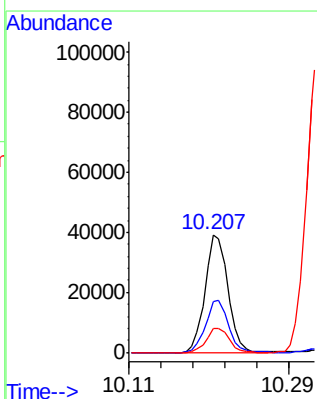
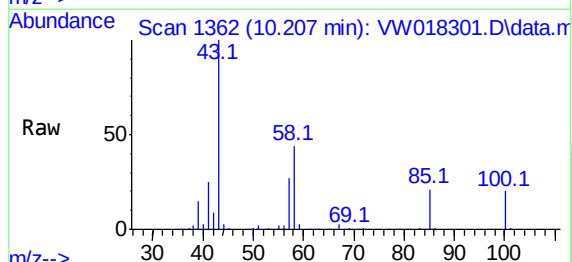
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTD02538

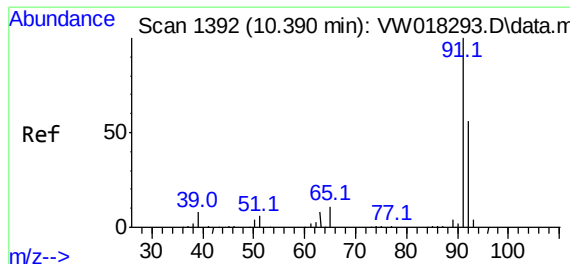
Tgt Ion: 75 Resp: 128724  
Ion Ratio Lower Upper  
75 100  
77 30.9 22.4 41.6



#43  
4-Methyl-2-pentanone  
Concen: 42.78 ug/L  
RT: 10.207 min Scan# 1362  
Delta R.T. 0.000 min  
Lab File: VW018301.D  
Acq: 11 Mar 2021 15:56

Tgt Ion: 43 Resp: 69399  
Ion Ratio Lower Upper  
43 100  
58 44.0 34.8 52.2  
100 20.4 15.9 23.9

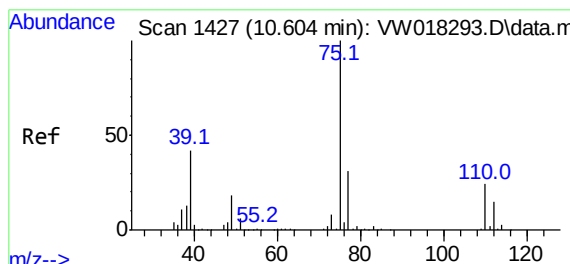
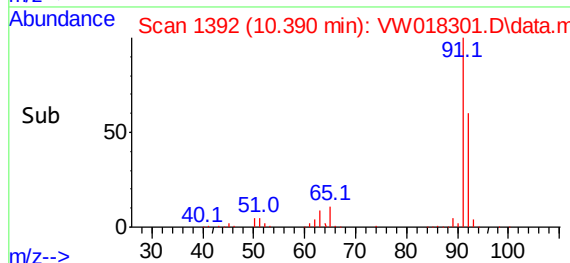
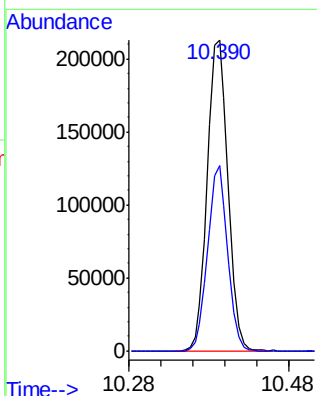
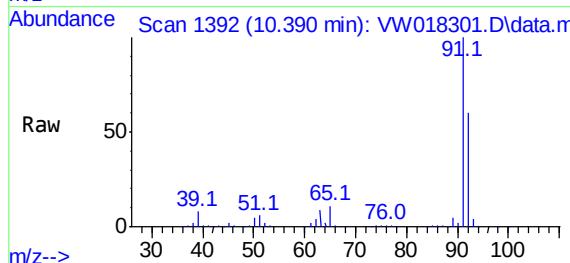




#44  
Toluene  
Concen: 25.42 ug/L  
RT: 10.390 min Scan# 1392  
Delta R.T. 0.000 min  
Lab File: VW018301.D  
Acq: 11 Mar 2021 15:56

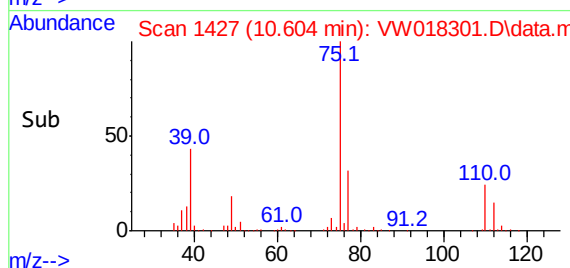
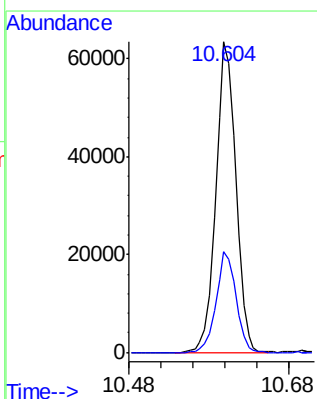
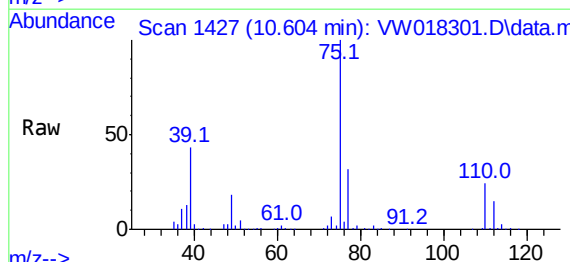
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTD02538

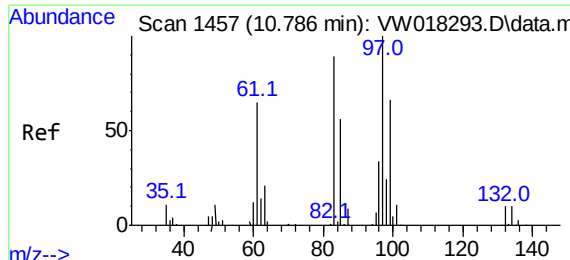
Tgt Ion: 91 Resp: 383143  
Ion Ratio Lower Upper  
91 100  
92 59.8 42.3 78.5



#45  
trans-1,3-Dichloropropene  
Concen: 23.54 ug/L  
RT: 10.604 min Scan# 1427  
Delta R.T. 0.000 min  
Lab File: VW018301.D  
Acq: 11 Mar 2021 15:56

Tgt Ion: 75 Resp: 110127  
Ion Ratio Lower Upper  
75 100  
77 32.3 22.6 42.0





#46

1,1,2-Trichloroethane

Concen: 23.33 ug/L

RT: 10.787 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VW018301.D

Acq: 11 Mar 2021 15:56

Tgt Ion: 97 Resp: 59894

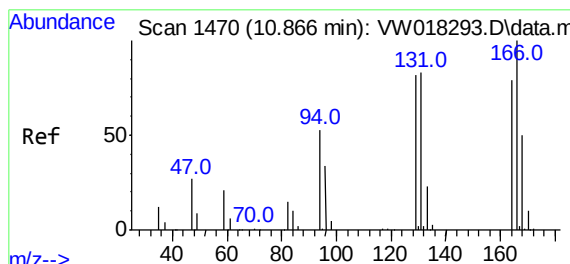
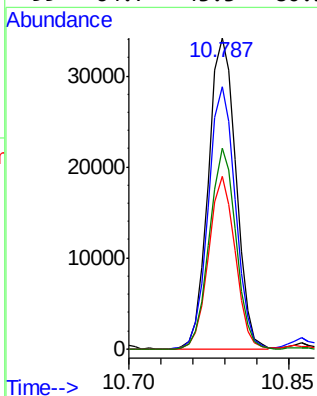
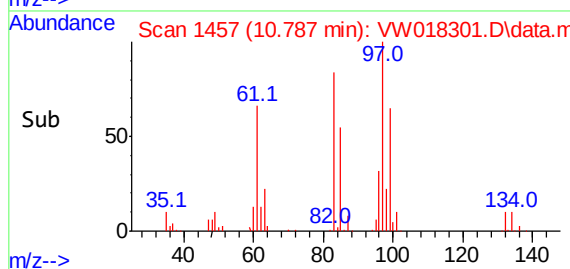
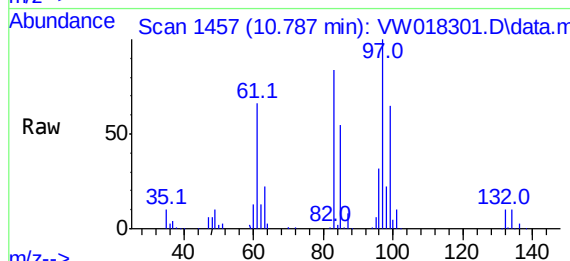
Ion Ratio Lower Upper

97 100

83 84.3 58.9 109.5

85 55.5 38.4 71.4

99 64.7 43.3 80.3



#47

Tetrachloroethene

Concen: 24.03 ug/L

RT: 10.866 min Scan# 1470

Delta R.T. 0.000 min

Lab File: VW018301.D

Acq: 11 Mar 2021 15:56

Tgt Ion: 164 Resp: 70943

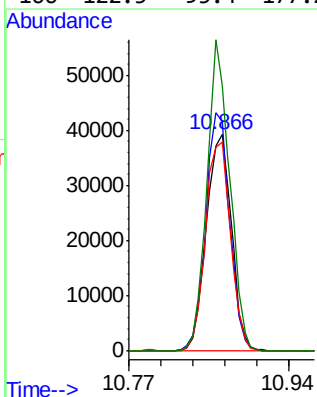
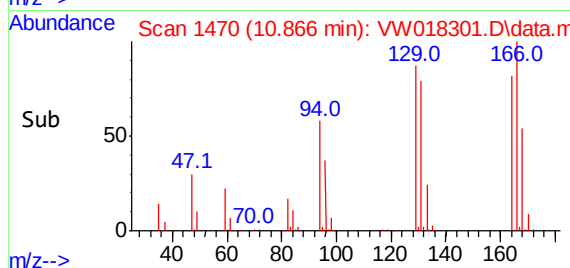
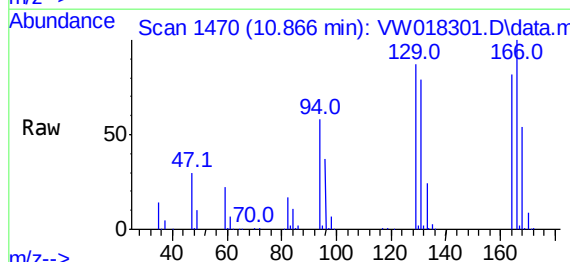
Ion Ratio Lower Upper

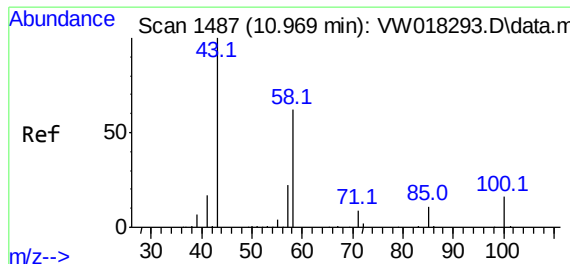
164 100

129 106.2 68.8 127.8

131 96.5 68.3 126.8

166 122.5 95.4 177.2



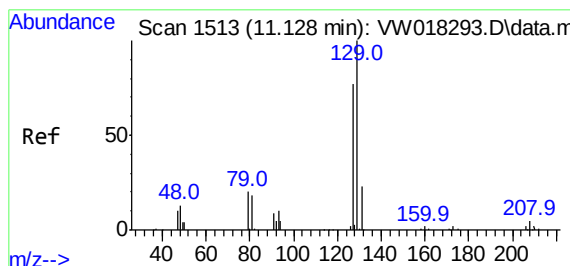
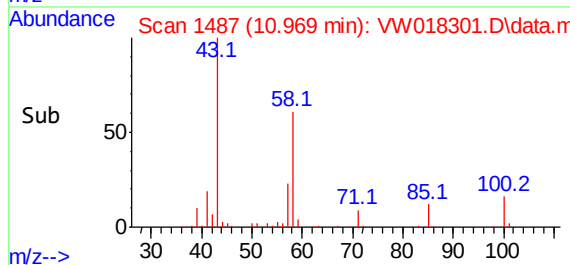
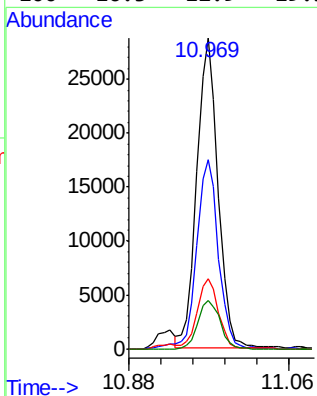
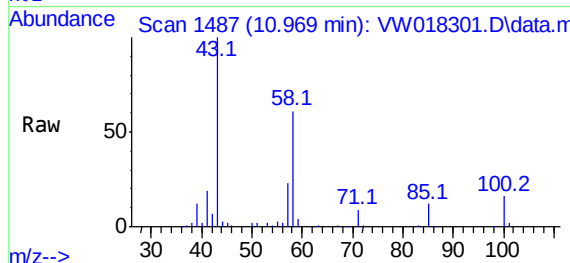


#49  
2-Hexanone  
Concen: 42.24 ug/L  
RT: 10.969 min Scan# 1487  
Delta R.T. 0.000 min  
Lab File: VW018301.D  
Acq: 11 Mar 2021 15:56

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTD02538

Tgt Ion: 43 Resp: 47242

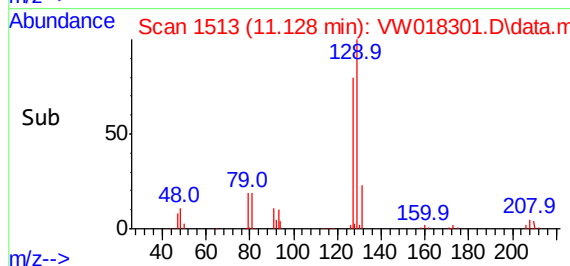
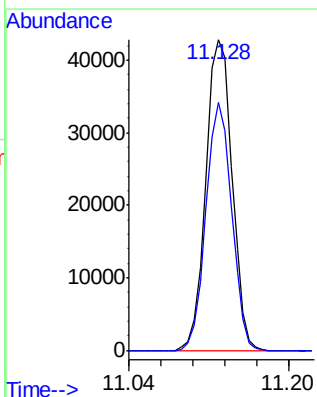
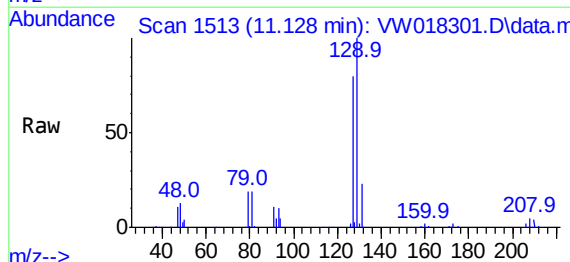
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 61.3  | 47.3  | 70.9  |
| 57  | 22.3  | 17.3  | 25.9  |
| 100 | 16.3  | 12.9  | 19.3  |

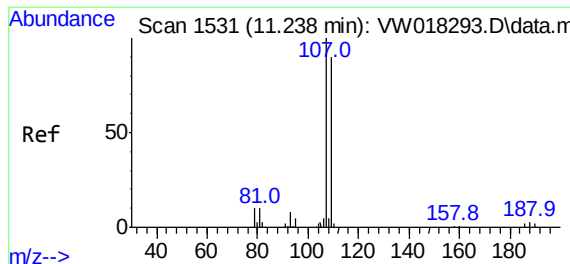


#50  
Dibromochloromethane  
Concen: 24.24 ug/L  
RT: 11.128 min Scan# 1513  
Delta R.T. 0.000 min  
Lab File: VW018301.D  
Acq: 11 Mar 2021 15:56

Tgt Ion: 129 Resp: 76528

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 129 | 100   |       |       |
| 127 | 79.9  | 58.0  | 107.6 |

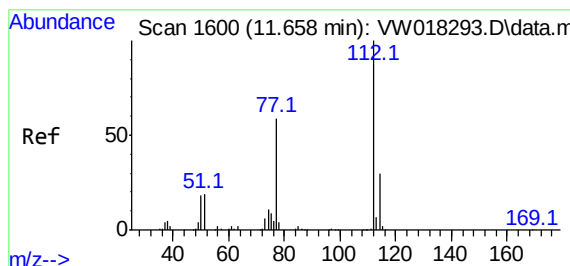
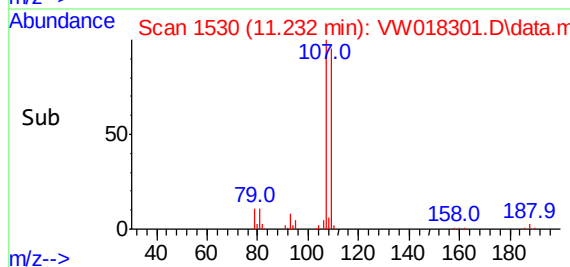
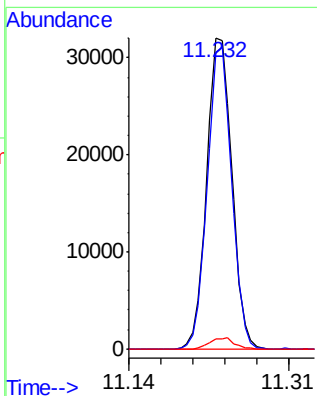
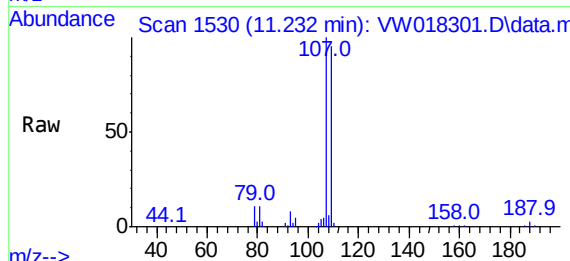




#51  
1,2-Dibromoethane  
Concen: 22.92 ug/L  
RT: 11.232 min Scan# 1530  
Delta R.T. -0.006 min  
Lab File: VW018301.D  
Acq: 11 Mar 2021 15:56

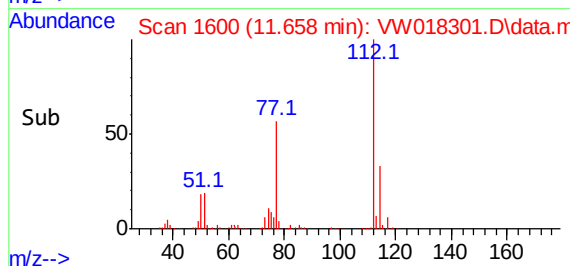
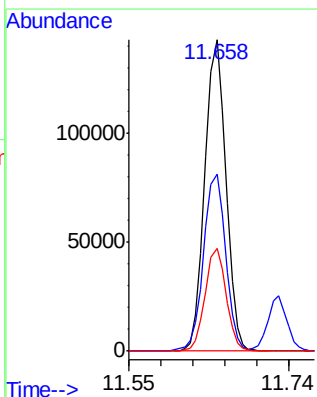
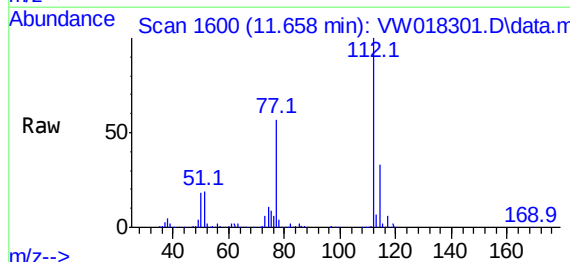
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTD02538

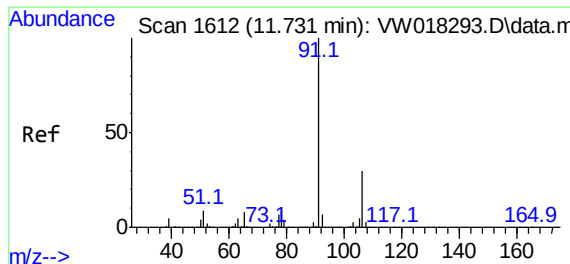
Tgt Ion:107 Resp: 57982  
Ion Ratio Lower Upper  
107 100  
109 95.3 65.9 122.5  
188 3.2 3.0 4.4



#52  
Chlorobenzene  
Concen: 24.30 ug/L  
RT: 11.658 min Scan# 1600  
Delta R.T. 0.000 min  
Lab File: VW018301.D  
Acq: 11 Mar 2021 15:56

Tgt Ion:112 Resp: 237378  
Ion Ratio Lower Upper  
112 100  
77 56.9 45.4 68.2  
114 33.0 22.5 41.9

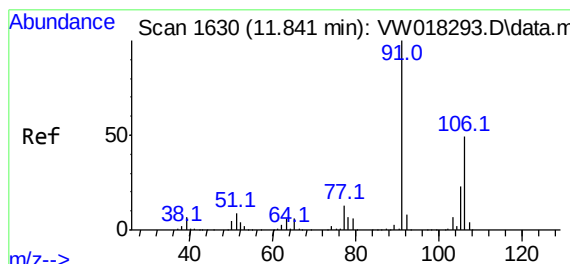
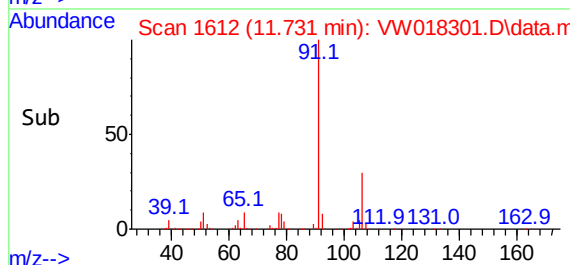
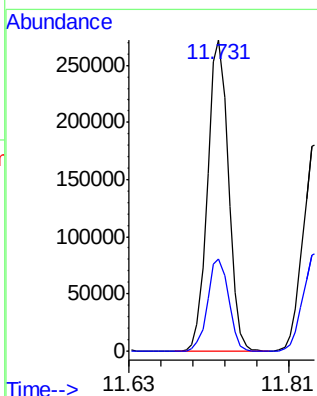
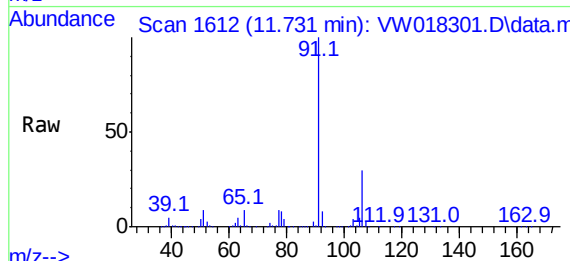




#53  
Ethylbenzene  
Concen: 25.46 ug/L  
RT: 11.731 min Scan# 1612  
Delta R.T. 0.000 min  
Lab File: VW018301.D  
Acq: 11 Mar 2021 15:56

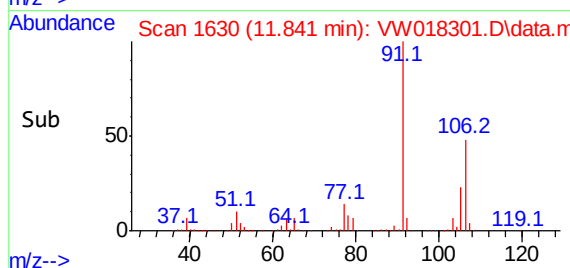
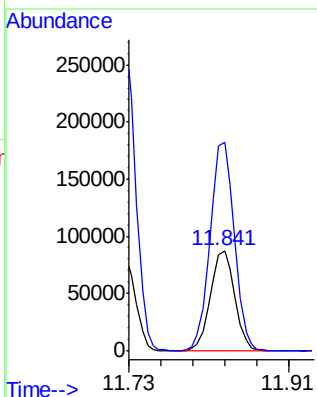
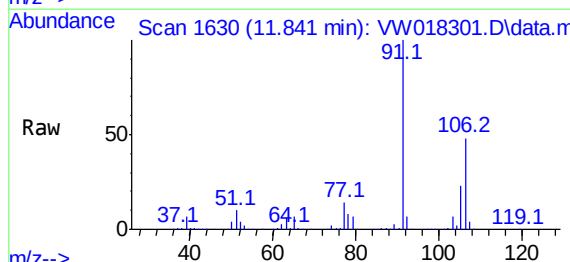
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTD02538

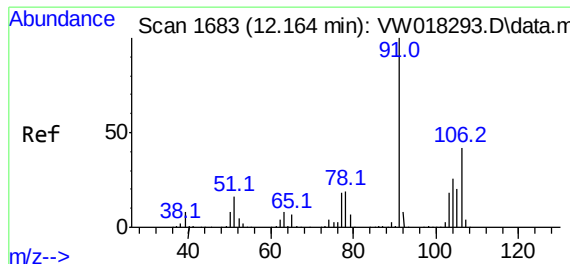
Tgt Ion: 91 Resp: 441139  
Ion Ratio Lower Upper  
91 100  
106 29.7 21.7 40.3



#54  
m,p-Xylene  
Concen: 24.92 ug/L  
RT: 11.841 min Scan# 1630  
Delta R.T. 0.000 min  
Lab File: VW018301.D  
Acq: 11 Mar 2021 15:56

Tgt Ion: 106 Resp: 163589  
Ion Ratio Lower Upper  
106 100  
91 208.8 145.3 269.8

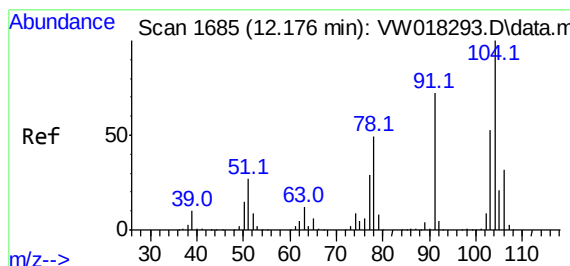
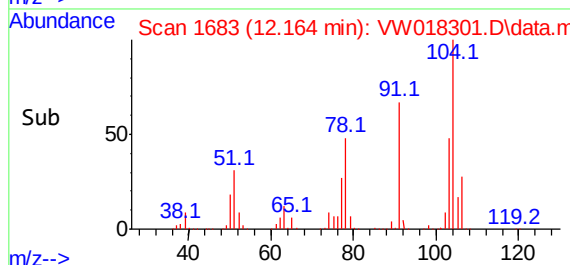
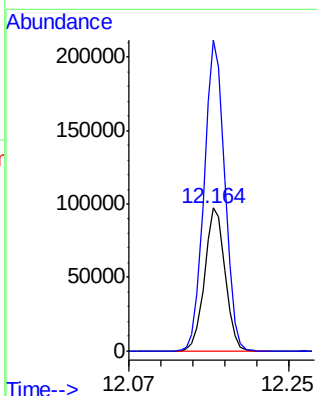
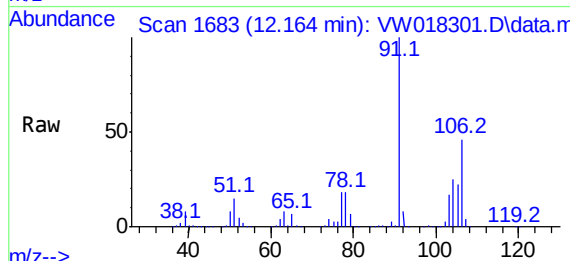




#55  
o-xylene  
Concen: 25.17 ug/L  
RT: 12.164 min Scan# 1683  
Delta R.T. 0.000 min  
Lab File: VW018301.D  
Acq: 11 Mar 2021 15:56

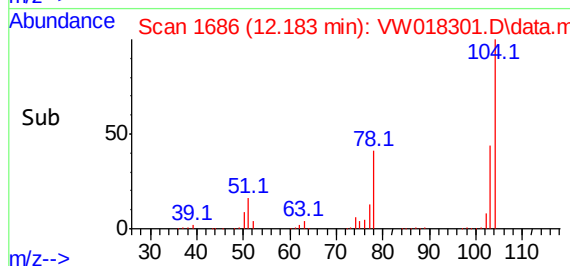
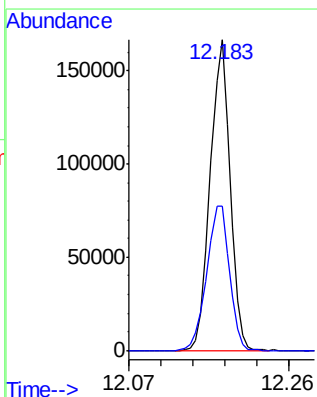
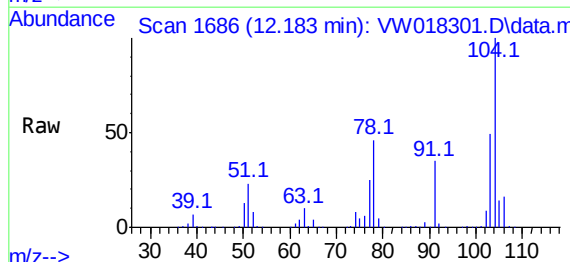
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTD02538

Tgt Ion:106 Resp: 154518  
Ion Ratio Lower Upper  
106 100  
91 217.6 154.3 286.5

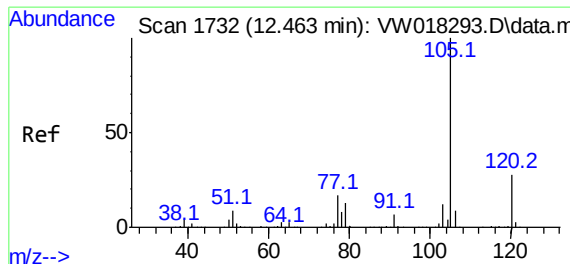


#56  
Styrene  
Concen: 25.02 ug/L  
RT: 12.183 min Scan# 1686  
Delta R.T. 0.006 min  
Lab File: VW018301.D  
Acq: 11 Mar 2021 15:56

Tgt Ion:104 Resp: 262843  
Ion Ratio Lower Upper  
104 100  
78 46.5 34.7 64.5



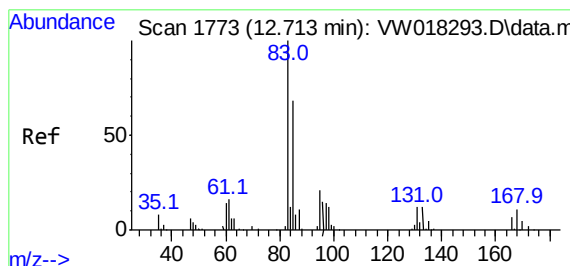
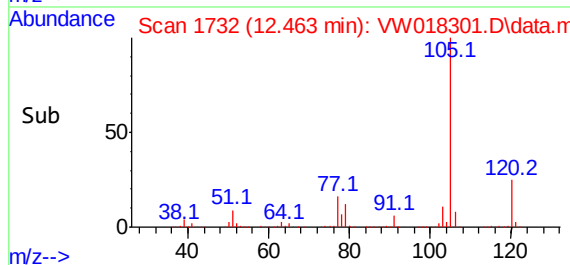
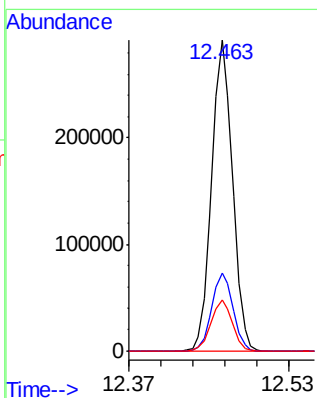
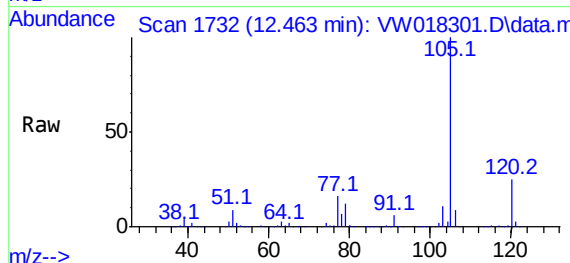




#57  
Isopropylbenzene  
Concen: 25.11 ug/L  
RT: 12.463 min Scan# 1732  
Delta R.T. 0.000 min  
Lab File: VW018301.D  
Acq: 11 Mar 2021 15:56

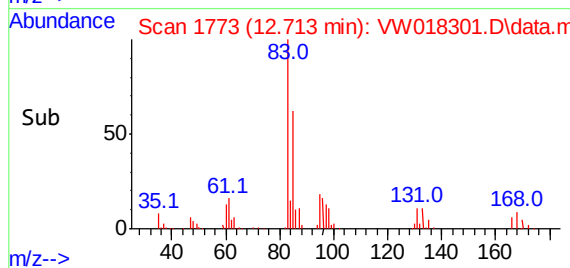
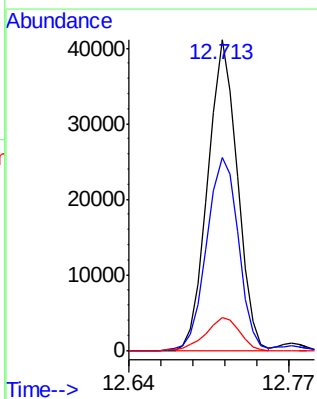
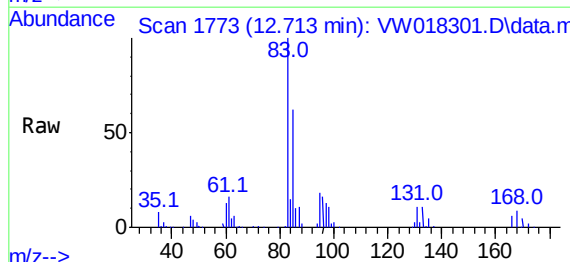
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTD02538

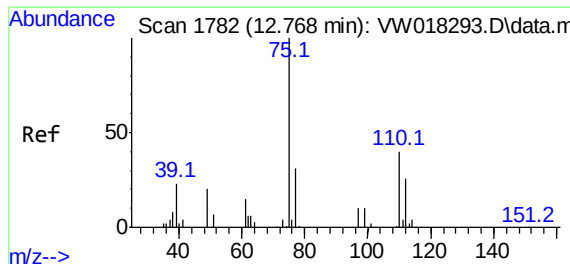
Tgt Ion:105 Resp: 437332  
Ion Ratio Lower Upper  
105 100  
120 25.4 20.9 31.3  
77 16.4 13.2 19.8



#58  
1,1,2,2-Tetrachloroethane  
Concen: 21.94 ug/L  
RT: 12.713 min Scan# 1773  
Delta R.T. 0.000 min  
Lab File: VW018301.D  
Acq: 11 Mar 2021 15:56

Tgt Ion: 83 Resp: 64967  
Ion Ratio Lower Upper  
83 100  
85 62.2 49.0 91.0  
131 10.5 8.7 13.1

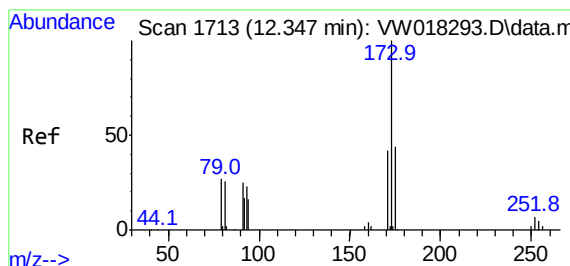
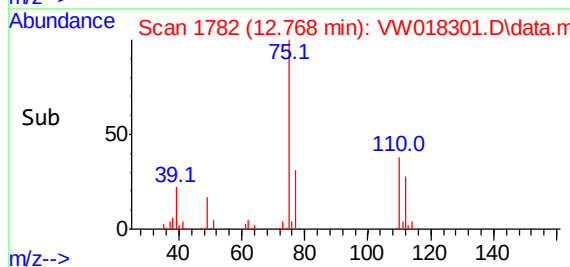
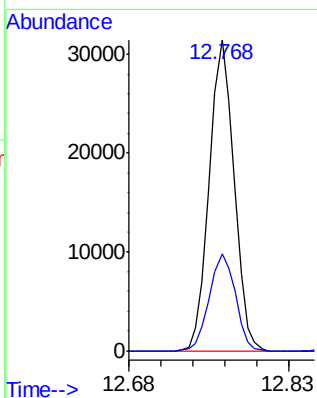
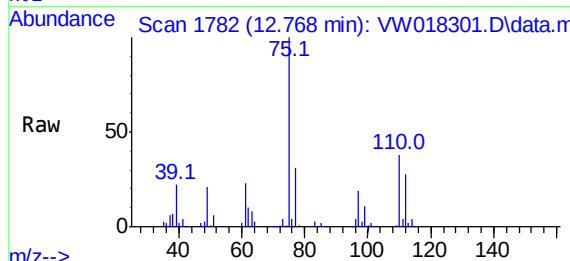




#59  
1,2,3-Trichloropropane  
Concen: 22.11 ug/L  
RT: 12.768 min Scan# 1782  
Delta R.T. 0.000 min  
Lab File: VW018301.D  
Acq: 11 Mar 2021 15:56

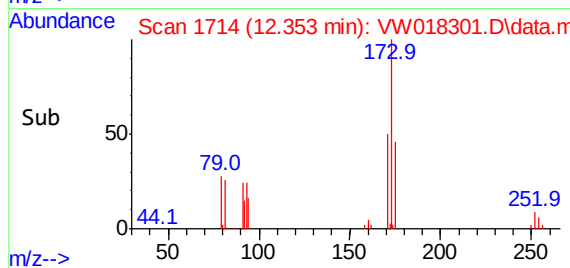
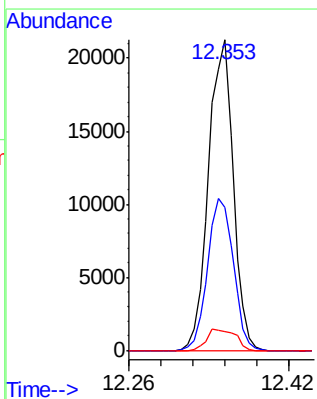
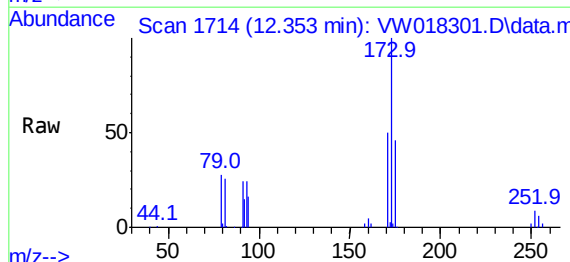
Instrument :  
MSVOA\_W  
ClientSampled :  
VSTD02538

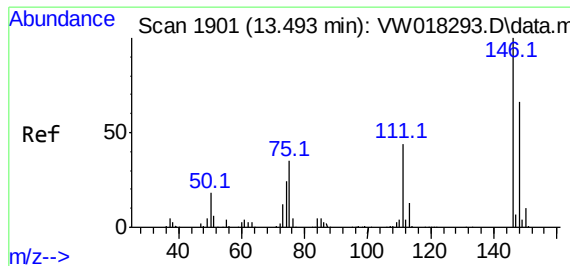
Tgt Ion: 75 Resp: 49620  
Ion Ratio Lower Upper  
75 100  
77 32.8 25.6 38.4



#62  
Bromoform  
Concen: 21.58 ug/L  
RT: 12.353 min Scan# 1714  
Delta R.T. 0.006 min  
Lab File: VW018301.D  
Acq: 11 Mar 2021 15:56

Tgt Ion: 173 Resp: 35677  
Ion Ratio Lower Upper  
173 100  
175 51.2 38.2 57.2  
254 7.9 6.0 9.0

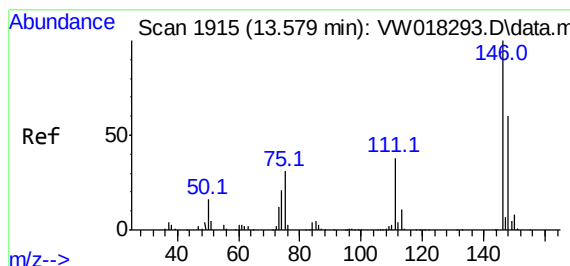
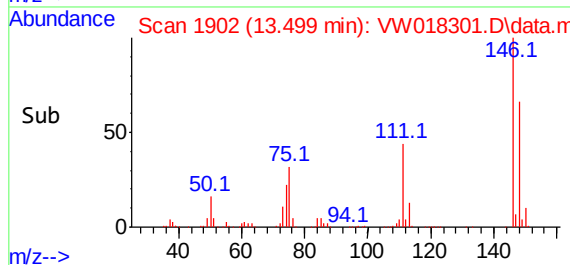
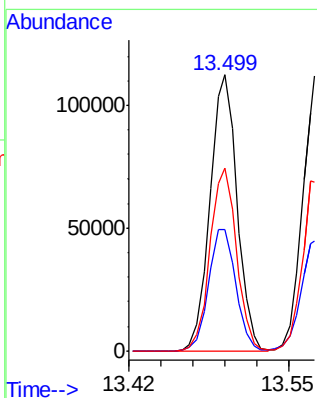
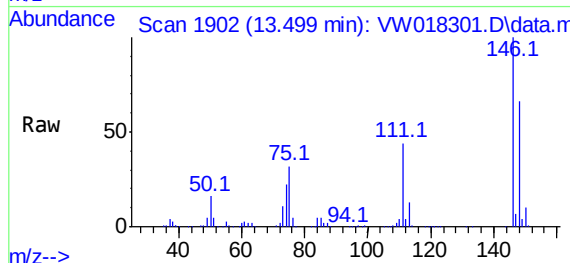




#63  
1,3-Dichlorobenzene  
Concen: 24.27 ug/L  
RT: 13.499 min Scan# 1902  
Delta R.T. 0.006 min  
Lab File: VW018301.D  
Acq: 11 Mar 2021 15:56

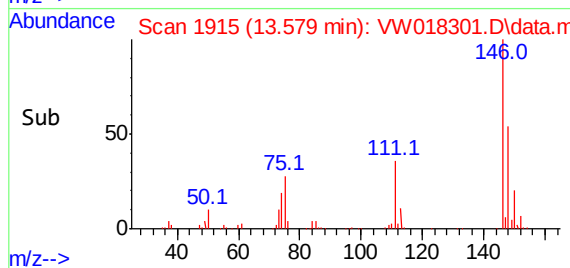
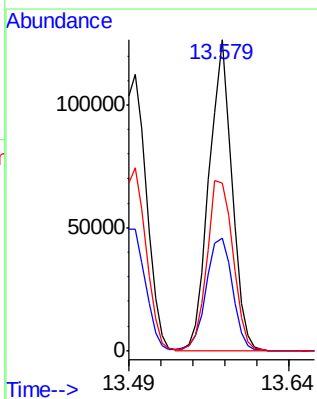
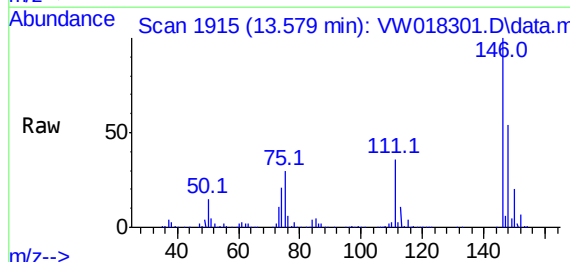
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTD02538

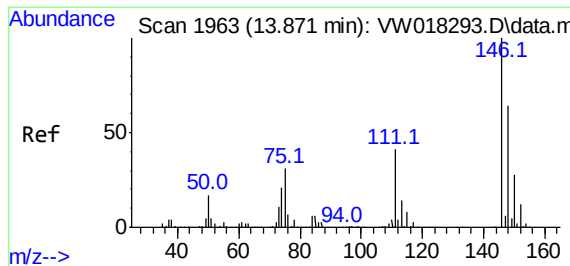
Tgt Ion:146 Resp: 181190  
Ion Ratio Lower Upper  
146 100  
111 44.0 27.5 51.1  
148 66.3 43.0 80.0



#64  
1,4-Dichlorobenzene  
Concen: 24.98 ug/L  
RT: 13.579 min Scan# 1915  
Delta R.T. 0.000 min  
Lab File: VW018301.D  
Acq: 11 Mar 2021 15:56

Tgt Ion:146 Resp: 184524  
Ion Ratio Lower Upper  
146 100  
111 36.3 28.3 52.5  
148 53.9 47.3 87.9

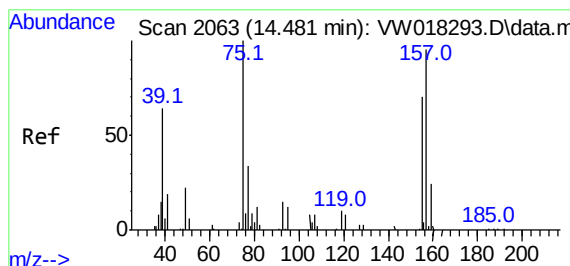
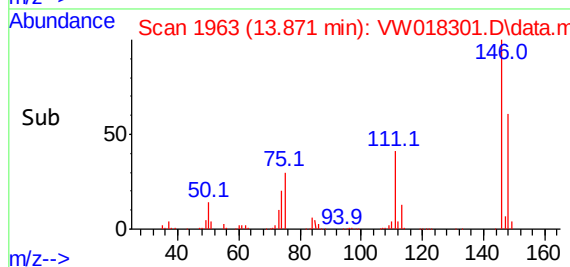
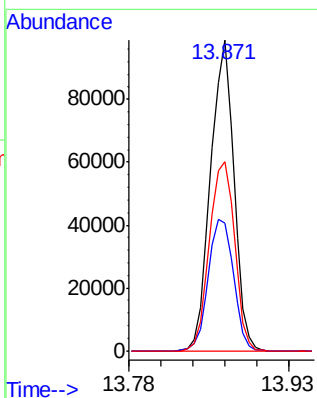
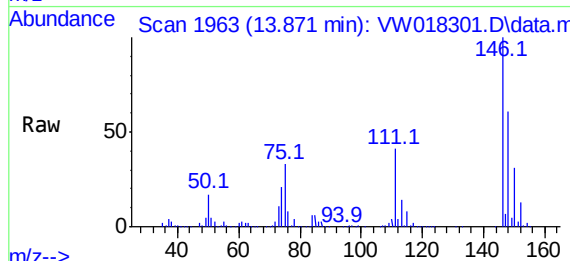




#65  
1,2-Dichlorobenzene  
Concen: 23.35 ug/L  
RT: 13.871 min Scan# 1963  
Delta R.T. 0.000 min  
Lab File: VW018301.D  
Acq: 11 Mar 2021 15:56

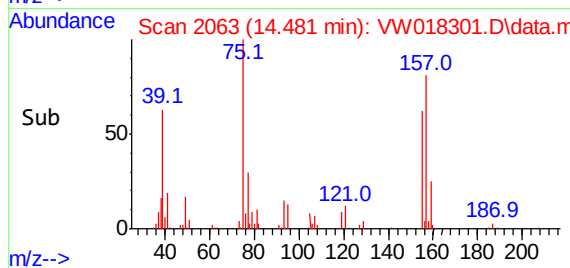
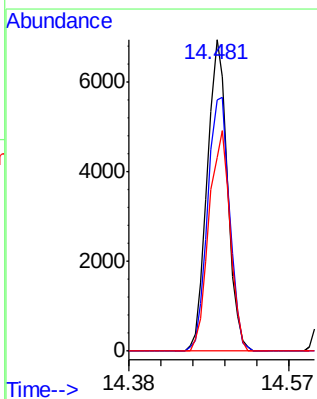
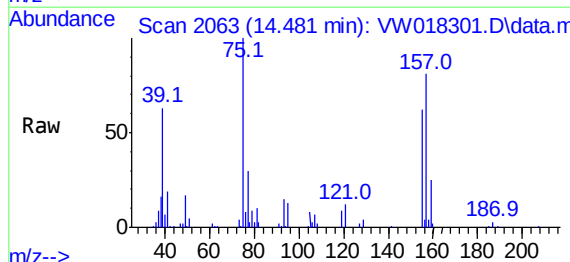
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTD02538

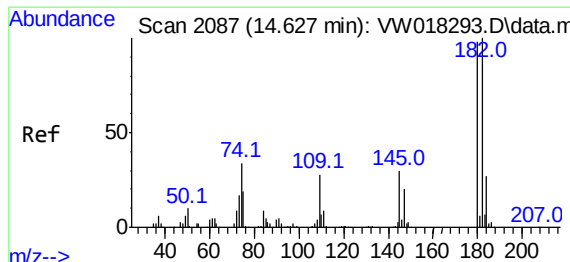
Tgt Ion:146 Resp: 156853  
Ion Ratio Lower Upper  
146 100  
111 41.0 36.0 54.0  
148 60.8 50.2 75.4



#66  
1,2-Dibromo-3-chloropropane  
Concen: 21.10 ug/L  
RT: 14.481 min Scan# 2063  
Delta R.T. 0.000 min  
Lab File: VW018301.D  
Acq: 11 Mar 2021 15:56

Tgt Ion: 75 Resp: 11065  
Ion Ratio Lower Upper  
75 100  
157 80.7 65.2 97.8  
155 62.1 60.1 90.1

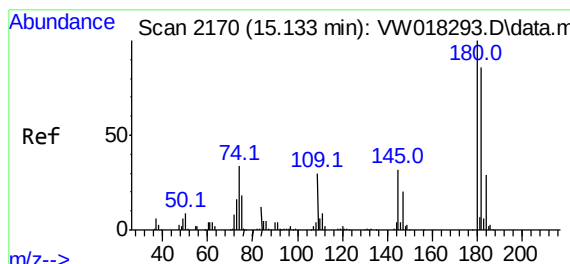
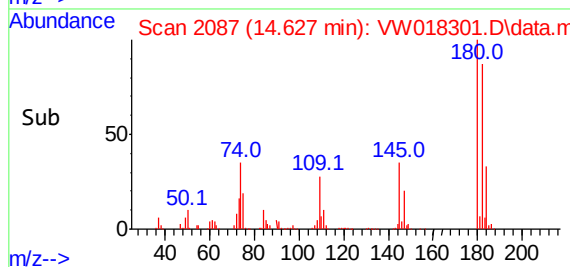
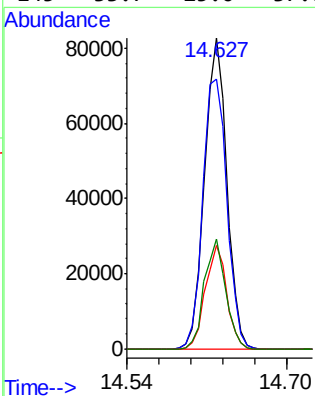
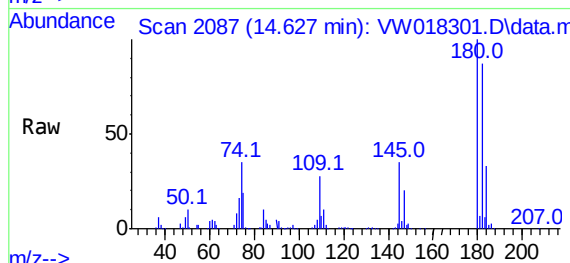




#67  
1,3,5-Trichlorobenzene  
Concen: 22.95 ug/L  
RT: 14.627 min Scan# 2087  
Delta R.T. 0.000 min  
Lab File: VW018301.D  
Acq: 11 Mar 2021 15:56

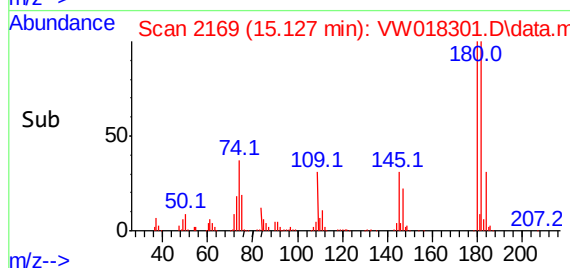
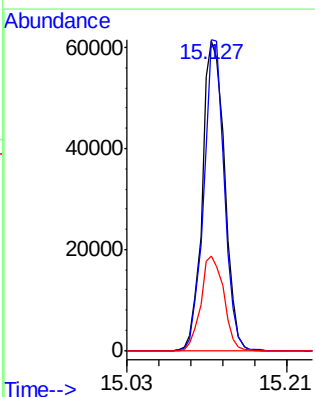
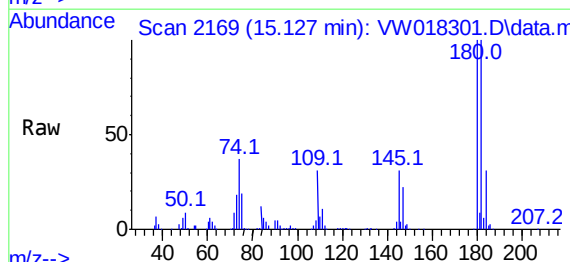
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTD02538

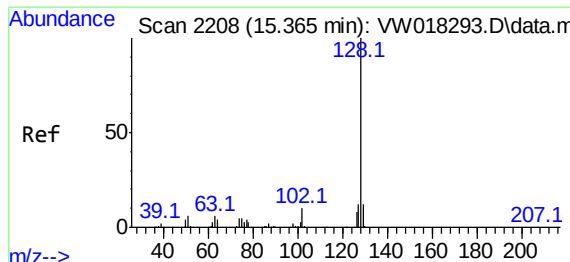
Tgt Ion:180 Resp: 125039  
Ion Ratio Lower Upper  
180 100  
182 94.1 71.8 107.8  
184 31.9 23.5 35.3  
145 33.7 25.0 37.6



#68  
1,2,4-trichlorobenzene  
Concen: 23.65 ug/L  
RT: 15.127 min Scan# 2169  
Delta R.T. -0.006 min  
Lab File: VW018301.D  
Acq: 11 Mar 2021 15:56

Tgt Ion:180 Resp: 105746  
Ion Ratio Lower Upper  
180 100  
182 92.5 70.2 105.4  
145 31.3 24.9 37.3

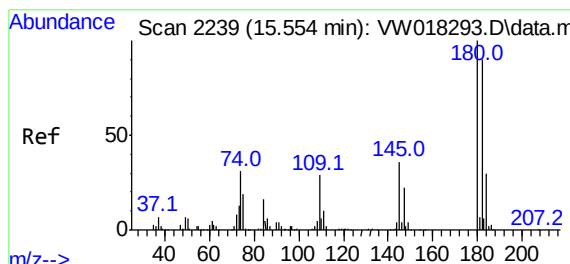
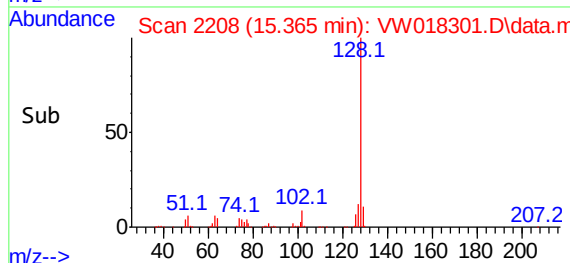
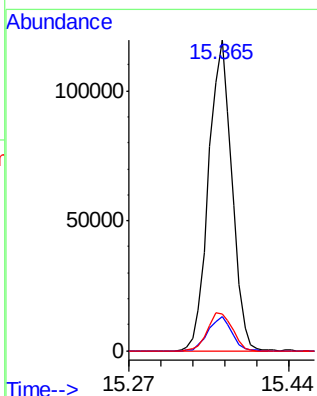
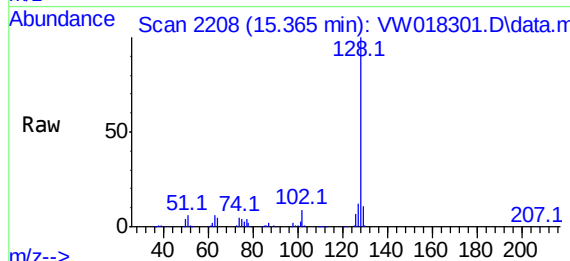




#69  
Naphthalene  
Concen: 22.72 ug/L  
RT: 15.365 min Scan# 2208  
Delta R.T. 0.000 min  
Lab File: VW018301.D  
Acq: 11 Mar 2021 15:56

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTD02538

Tgt Ion:128 Resp: 199913  
Ion Ratio Lower Upper  
128 100  
129 11.1 9.1 13.7  
127 13.0 10.7 16.1



#70  
1,2,3-Trichlorobenzene  
Concen: 21.85 ug/L  
RT: 15.554 min Scan# 2239  
Delta R.T. 0.000 min  
Lab File: VW018301.D  
Acq: 11 Mar 2021 15:56

Tgt Ion:180 Resp: 85020  
Ion Ratio Lower Upper  
180 100  
182 92.5 76.5 114.7  
145 37.4 27.7 41.5

