

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW032421\  
 Data File : VW018436.D  
 Acq On : 24 Mar 2021 10:05  
 Operator : SY/VA  
 Sample : VSTDCCC025  
 Misc : 5.00G/10ML/MSVOA\_W/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTD02512

Quant Time: Mar 25 01:19:16 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SOM2WLM031921S.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Mar 24 01:23:39 2021  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc   | Units | Dev(Min) |
|-------------------------------|----------------|------|------------|--------|-------|----------|
| -----                         |                |      |            |        |       |          |
| Internal Standards            |                |      |            |        |       |          |
| 1) 1,4-Difluorobenzene        | 8.842          | 114  | 476980     | 25.00  | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 11.634         | 117  | 441112     | 25.00  | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4    | 13.554         | 152  | 222001     | 25.00  | ug/L  | 0.00     |
|                               |                |      |            |        |       |          |
| System Monitoring Compounds   |                |      |            |        |       |          |
| 4) Vinyl Chloride-d3          | 2.361          | 65   | 145071     | 21.86  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 87.44% |       |          |
| 7) Chloroethane-d5            | 2.892          | 69   | 133829     | 23.03  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 92.12% |       |          |
| 10) 1,1-Dichloroethene-d2     | 4.026          | 63   | 262888     | 22.94  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = | 91.76% |       |          |
| 20) 2-Butanone-d5             | 7.074          | 46   | 72678      | 49.18  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 98.36% |       |          |
| 24) Chloroform-d              | 7.647          | 84   | 282006     | 23.21  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = | 92.84% |       |          |
| 26) 1,2-Dichloroethane-d4     | 8.305          | 65   | 165873     | 23.39  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = | 93.56% |       |          |
| 29) Benzene-d6                | 8.275          | 84   | 523048     | 22.30  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = | 89.20% |       |          |
| 33) 1,2-Dichloropropane-d6    | 9.275          | 67   | 155196     | 22.94  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = | 91.76% |       |          |
| 37) Toluene-d8                | 10.323         | 98   | 504699     | 22.35  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = | 89.40% |       |          |
| 38) trans-1,3-Dichloroprop... | 10.579         | 79   | 78542      | 22.51  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = | 90.04% |       |          |
| 39) 2-Hexanone-d5             | 10.921         | 63   | 62556      | 47.26  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 94.52% |       |          |
| 48) 1,1,2,2-Tetrachloroeth... | 12.689         | 84   | 147398     | 24.36  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = | 97.44% |       |          |
| 61) 1,2-Dichlorobenzene-d4    | 13.853         | 152  | 182356     | 23.10  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = | 92.40% |       |          |
|                               |                |      |            |        |       |          |
| Target Compounds              |                |      |            |        |       | Qvalue   |
| 2) Dichlorodifluoromethane    | 2.014          | 85   | 142922     | 26.09  | ug/L  | 91       |
| 3) Chloromethane              | 2.215          | 50   | 167778     | 24.30  | ug/L  | 99       |
| 5) Vinyl chloride             | 2.367          | 62   | 256183     | 28.25  | ug/L  | 100      |
| 6) Bromomethane               | 2.782          | 94   | 191401     | 29.23  | ug/L  | 100      |
| 8) Chloroethane               | 2.928          | 64   | 163322     | 28.88  | ug/L  | 100      |
| 9) Trichlorofluoromethane     | 3.257          | 101  | 120371     | 26.38  | ug/L  | 100      |
| 11) 1,1,2-Trichloro-1,2,2-... | 4.068          | 101  | 163291     | 27.84  | ug/L  | 98       |
| 12) 1,1-Dichloroethene        | 4.044          | 96   | 161445     | 26.96  | ug/L  | 95       |
| 13) Acetone                   | 4.117          | 43   | 56289      | 53.02  | ug/L  | 99       |
| 14) Carbon disulfide          | 4.385          | 76   | 482528     | 26.76  | ug/L  | 99       |
| 15) Methyl Acetate            | 4.666          | 43   | 66485      | 27.38  | ug/L  | 97       |
| 16) Methylene chloride        | 4.910          | 84   | 171879     | 21.97  | ug/L  | 93       |
| 17) Methyl tert-butyl Ether   | 5.416          | 73   | 234095     | 26.76  | ug/L  | 98       |
| 18) trans-1,2-Dichloroethene  | 5.422          | 96   | 175443     | 26.54  | ug/L  | 98       |
| 19) 1,1-Dichloroethane        | 6.214          | 63   | 305513     | 27.09  | ug/L  | 97       |
| 21) 2-Butanone                | 7.165          | 43   | 88537      | 52.49  | ug/L  | 100      |
| 22) cis-1,2-Dichloroethene    | 7.171          | 96   | 189052     | 27.19  | ug/L  | 98       |
| 23) Bromochloromethane        | 7.513          | 128  | 84297      | 27.39  | ug/L  | 91       |
| 25) Chloroform                | 7.677          | 83   | 325671     | 27.21  | ug/L  | 99       |
| 27) 1,2-Dichloroethane        | 8.397          | 62   | 236861     | 27.89  | ug/L  | 100      |

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 Sample : VSTDCCC025  
 Misc : 5.00G/10ML/MSVOA\_W/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTD02512

Quant Time: Mar 25 01:19:16 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SOM2WLM031921S.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Mar 24 01:23:39 2021  
 Response via : Initial Calibration

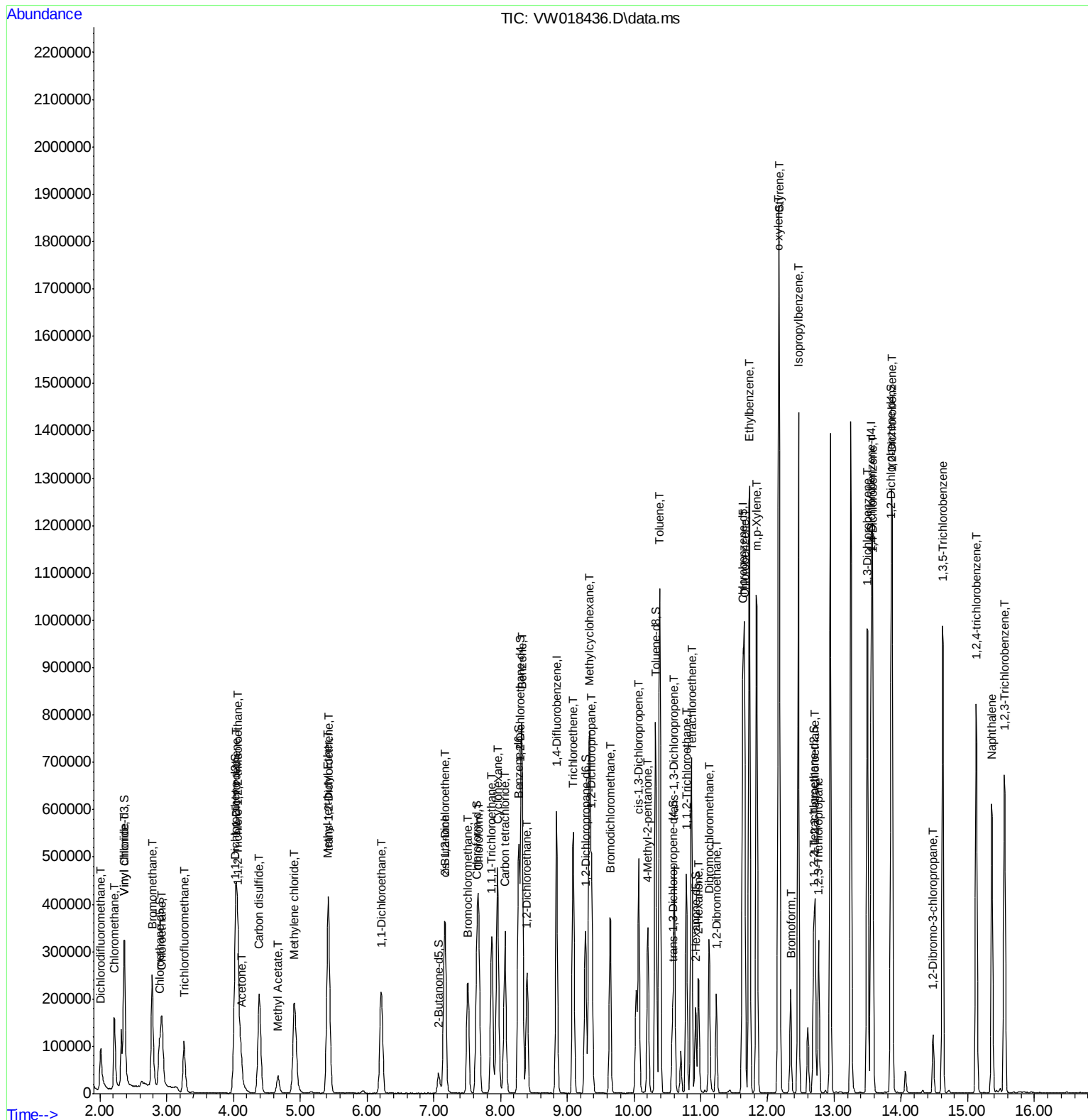
| Compound                      | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-------|--------|----------|
| 30) Cyclohexane               | 7.952  | 56   | 273670   | 26.13 | ug/L   | 96       |
| 31) 1,1,1-Trichloroethane     | 7.866  | 97   | 268041   | 27.19 | ug/L   | 97       |
| 32) Carbon tetrachloride      | 8.067  | 117  | 249504   | 27.16 | ug/L   | 100      |
| 34) Benzene                   | 8.324  | 78   | 694670   | 27.19 | ug/L   | 100      |
| 35) Trichloroethene           | 9.092  | 95   | 187595   | 26.58 | ug/L   | 98       |
| 36) Methylcyclohexane         | 9.336  | 83   | 324675   | 26.27 | ug/L   | 98       |
| 40) 1,2-Dichloropropane       | 9.366  | 63   | 167625   | 26.82 | ug/L   | 98       |
| 41) Bromodichloromethane      | 9.640  | 83   | 244344   | 27.66 | ug/L   | 98       |
| 42) cis-1,3-Dichloropropene   | 10.073 | 75   | 282988   | 26.78 | ug/L   | 99       |
| 43) 4-Methyl-2-pentanone      | 10.207 | 43   | 208356   | 55.44 | ug/L   | 97       |
| 44) Toluene                   | 10.384 | 91   | 780374   | 26.87 | ug/L   | 97       |
| 45) trans-1,3-Dichloropropene | 10.604 | 75   | 260085   | 27.41 | ug/L   | 100      |
| 46) 1,1,2-Trichloroethane     | 10.787 | 97   | 138097   | 27.71 | ug/L   | 98       |
| 47) Tetrachloroethene         | 10.866 | 164  | 144794   | 27.02 | ug/L   | 89       |
| 49) 2-Hexanone                | 10.963 | 43   | 147488   | 55.46 | ug/L   | 98       |
| 50) Dibromochloromethane      | 11.128 | 129  | 161399   | 27.47 | ug/L   | 96       |
| 51) 1,2-Dibromoethane         | 11.232 | 107  | 136937   | 27.75 | ug/L   | 98       |
| 52) Chlorobenzene             | 11.658 | 112  | 485711   | 26.37 | ug/L   | 98       |
| 53) Ethylbenzene              | 11.731 | 91   | 902687   | 27.57 | ug/L   | 99       |
| 54) m,p-Xylene                | 11.835 | 106  | 338553   | 27.06 | ug/L   | 98       |
| 55) o-xylene                  | 12.164 | 106  | 326537   | 27.37 | ug/L   | 98       |
| 56) Styrene                   | 12.177 | 104  | 559652   | 27.51 | ug/L   | 97       |
| 57) Isopropylbenzene          | 12.463 | 105  | 887149   | 27.35 | ug/L   | 99       |
| 58) 1,1,2,2-Tetrachloroethane | 12.713 | 83   | 172964   | 28.68 | ug/L   | 95       |
| 59) 1,2,3-Trichloropropane    | 12.768 | 75   | 129634   | 28.47 | ug/L   | 100      |
| 62) Bromoform                 | 12.353 | 173  | 92744    | 27.24 | ug/L # | 97       |
| 63) 1,3-Dichlorobenzene       | 13.499 | 146  | 394019   | 27.73 | ug/L   | 95       |
| 64) 1,4-Dichlorobenzene       | 13.579 | 146  | 376409   | 26.25 | ug/L   | 97       |
| 65) 1,2-Dichlorobenzene       | 13.865 | 146  | 350587   | 27.61 | ug/L   | 98       |
| 66) 1,2-Dibromo-3-chloropr... | 14.481 | 75   | 31214    | 27.20 | ug/L # | 84       |
| 67) 1,3,5-Trichlorobenzene    | 14.621 | 180  | 285045   | 27.82 | ug/L   | 95       |
| 68) 1,2,4-trichlorobenzene    | 15.127 | 180  | 251748   | 28.87 | ug/L   | 95       |
| 69) Naphthalene               | 15.359 | 128  | 504939   | 27.81 | ug/L   | 99       |
| 70) 1,2,3-Trichlorobenzene    | 15.548 | 180  | 210192   | 27.63 | ug/L   | 99       |

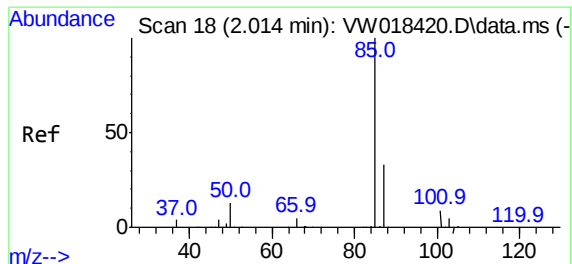
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : VSTDCCC025  
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ALS Vial : 2 Sample Multiplier: 1

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Client Sample Id :  
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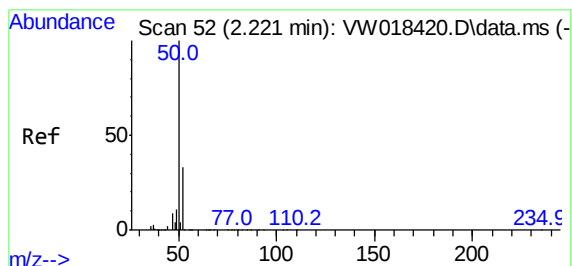
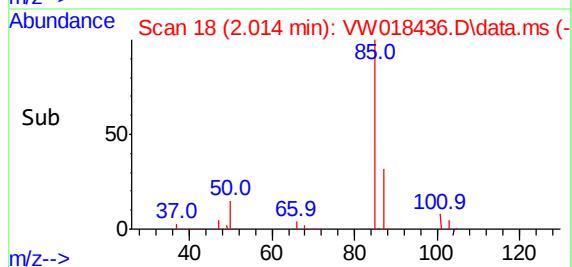
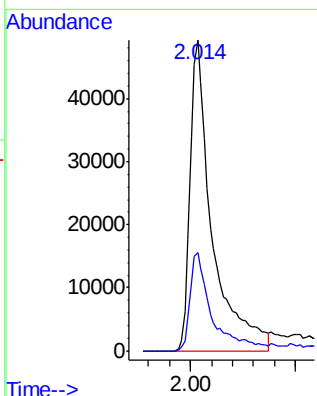
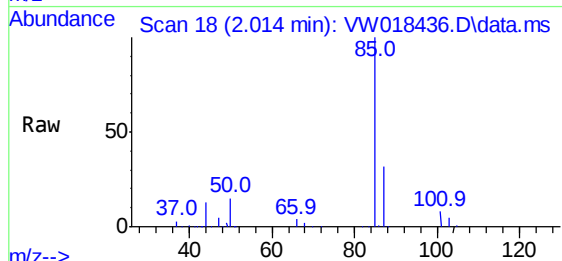




#2  
Dichlorodifluoromethane  
Concen: 26.09 ug/L  
RT: 2.014 min Scan# 18  
Delta R.T. 0.000 min  
Lab File: VW018436.D  
Acq: 24 Mar 2021 10:05

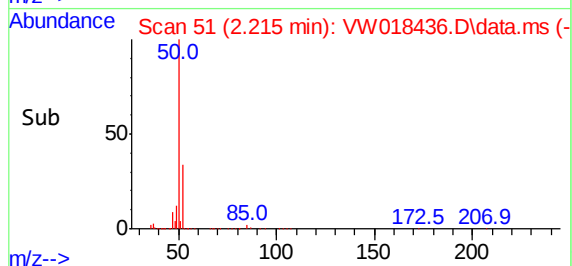
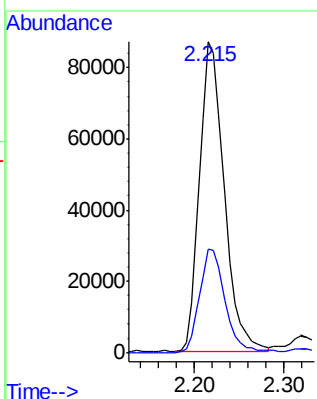
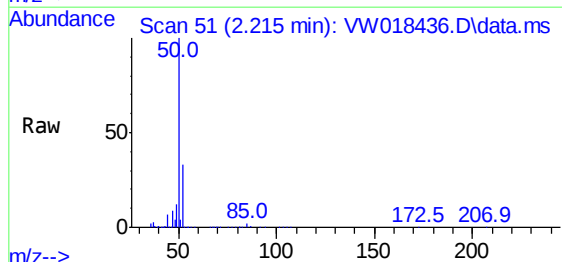
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTD02512

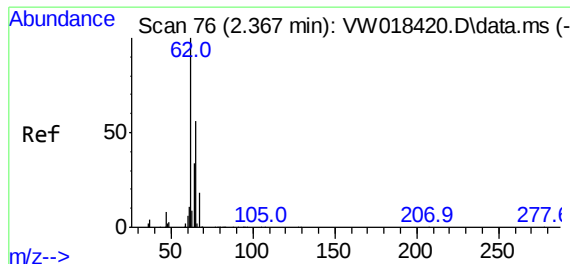
Tgt Ion: 85 Resp: 142922  
Ion Ratio Lower Upper  
85 100  
87 26.6 22.2 41.2



#3  
Chloromethane  
Concen: 24.30 ug/L  
RT: 2.215 min Scan# 51  
Delta R.T. -0.006 min  
Lab File: VW018436.D  
Acq: 24 Mar 2021 10:05

Tgt Ion: 50 Resp: 167778  
Ion Ratio Lower Upper  
50 100  
52 33.5 23.7 43.9

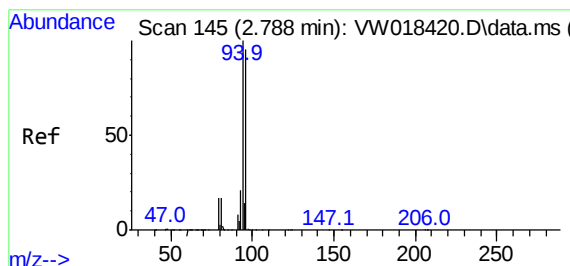
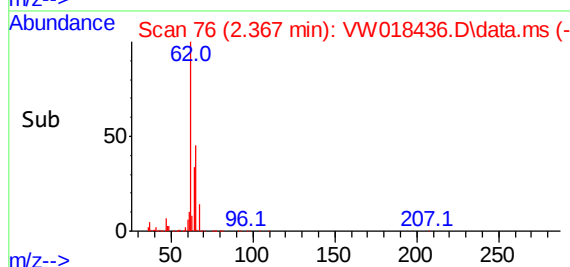
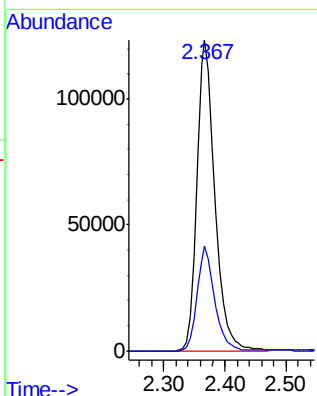
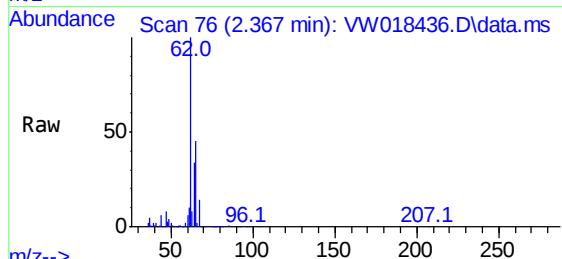




#5  
 Vinyl chloride  
 Concen: 28.25 ug/L  
 RT: 2.367 min Scan# 76  
 Delta R.T. 0.000 min  
 Lab File: VW018436.D  
 Acq: 24 Mar 2021 10:05

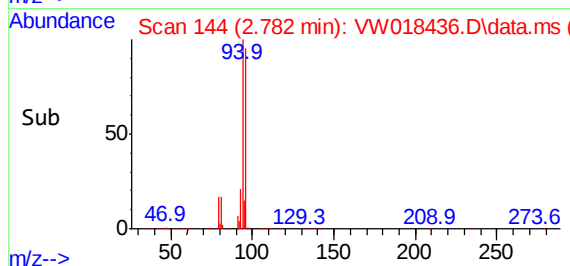
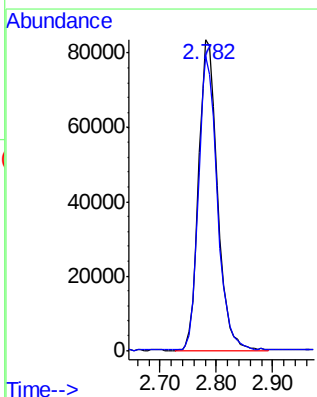
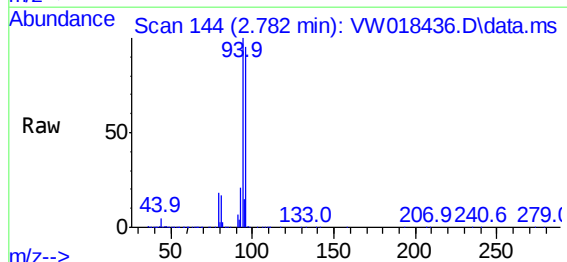
Instrument :  
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 ClientSampleId :  
 VSTD02512

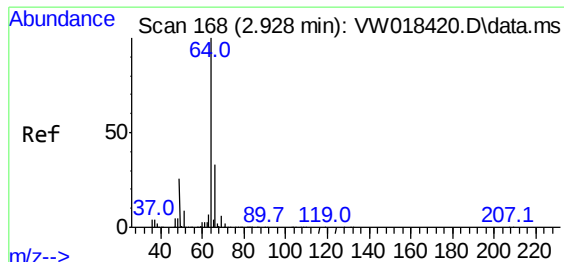
Tgt Ion: 62 Resp: 256183  
 Ion Ratio Lower Upper  
 62 100  
 64 33.6 23.5 43.7



#6  
 Bromomethane  
 Concen: 29.23 ug/L  
 RT: 2.782 min Scan# 144  
 Delta R.T. -0.006 min  
 Lab File: VW018436.D  
 Acq: 24 Mar 2021 10:05

Tgt Ion: 94 Resp: 191401  
 Ion Ratio Lower Upper  
 94 100  
 96 94.9 9.4 179.4

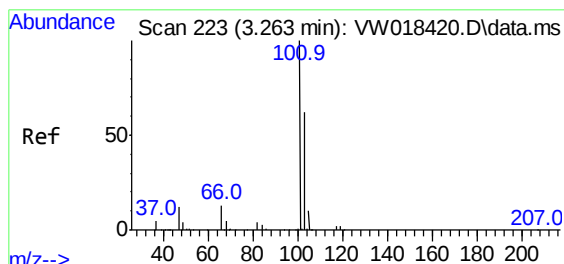
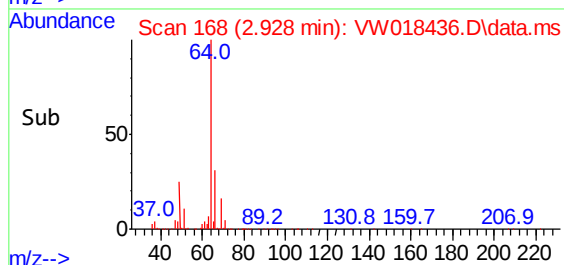
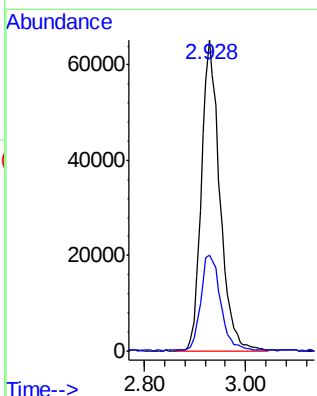
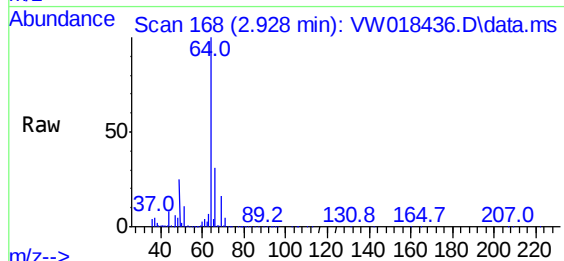




#8  
Chloroethane  
Concen: 28.88 ug/L  
RT: 2.928 min Scan# 168  
Delta R.T. 0.000 min  
Lab File: VW018436.D  
Acq: 24 Mar 2021 10:05

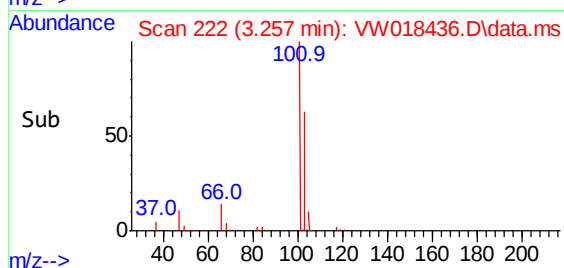
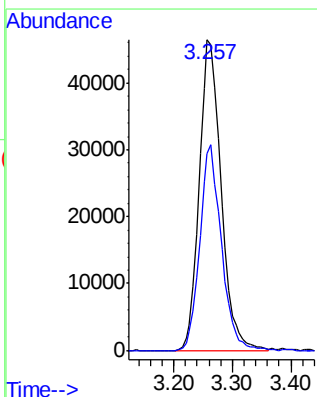
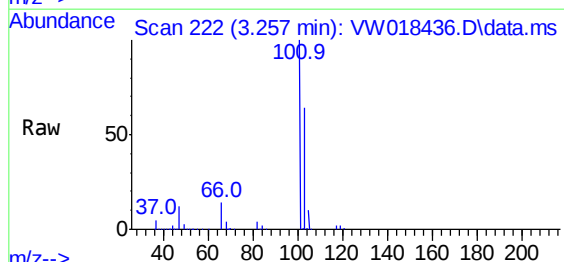
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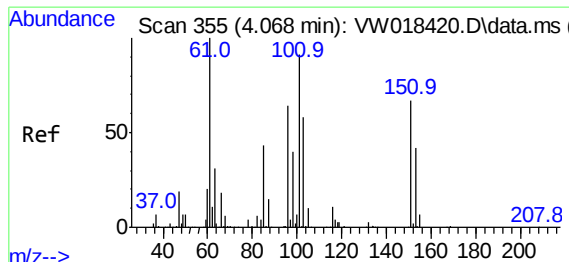
Tgt Ion: 64 Resp: 163322  
Ion Ratio Lower Upper  
64 100  
66 30.8 21.6 40.0



#9  
Trichlorofluoromethane  
Concen: 26.38 ug/L  
RT: 3.257 min Scan# 222  
Delta R.T. -0.006 min  
Lab File: VW018436.D  
Acq: 24 Mar 2021 10:05

Tgt Ion: 101 Resp: 120371  
Ion Ratio Lower Upper  
101 100  
103 65.2 45.6 84.8



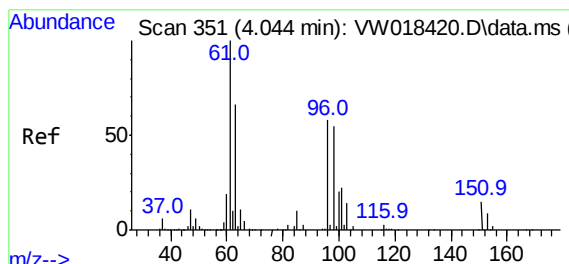
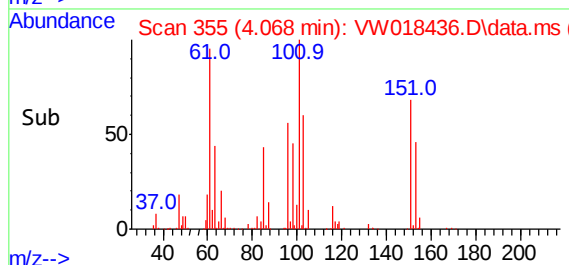
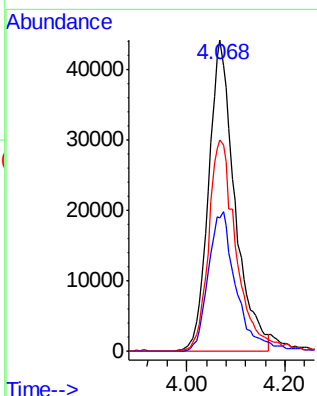
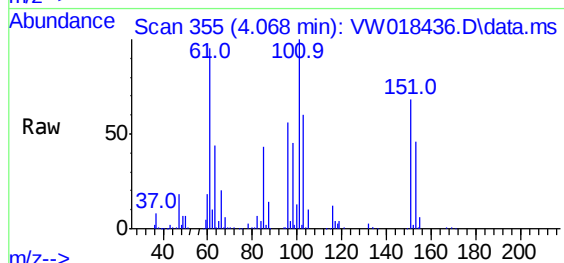


#11  
 1,1,2-Trichloro-1,2,2-trifluoroethane  
 Concen: 27.84 ug/L  
 RT: 4.068 min Scan# 355  
 Delta R.T. 0.000 min  
 Lab File: VW018436.D  
 Acq: 24 Mar 2021 10:05

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTD02512

Tgt Ion:101 Resp: 163291  

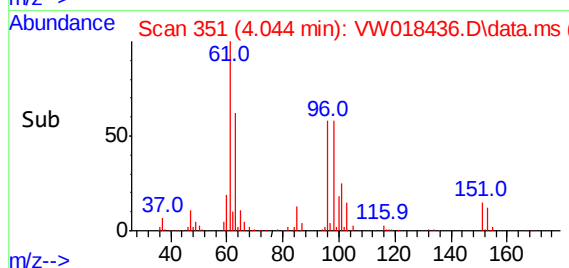
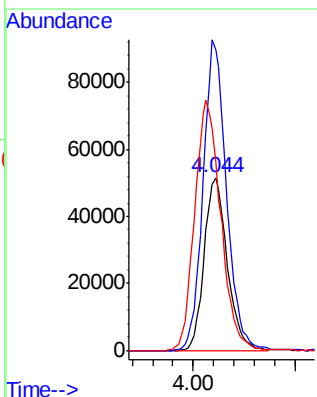
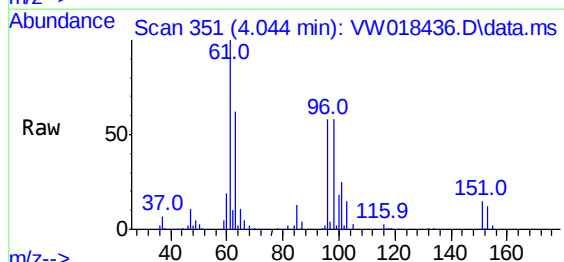
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 101 | 100   |       |       |
| 85  | 47.0  | 35.6  | 53.4  |
| 151 | 71.3  | 58.1  | 87.1  |

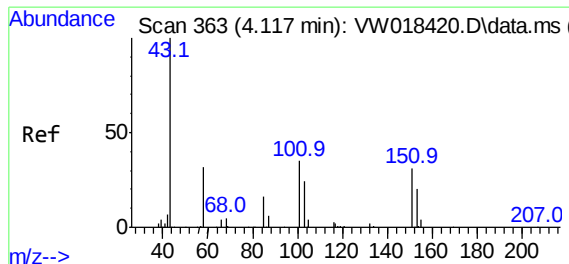


#12  
 1,1-Dichloroethene  
 Concen: 26.96 ug/L  
 RT: 4.044 min Scan# 351  
 Delta R.T. 0.000 min  
 Lab File: VW018436.D  
 Acq: 24 Mar 2021 10:05

Tgt Ion: 96 Resp: 161445  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 173.6 | 118.6 | 220.2 |
| 63  | 108.3 | 82.4  | 153.0 |

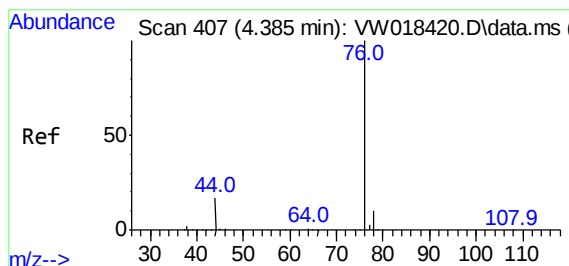
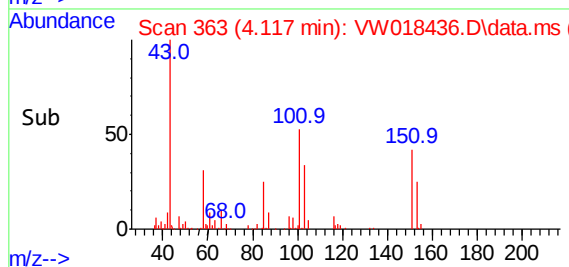
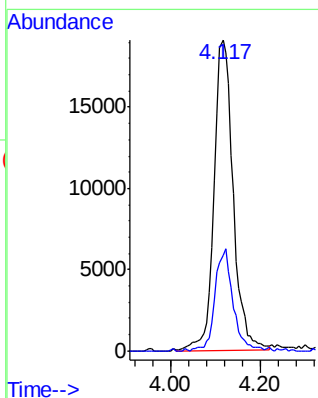
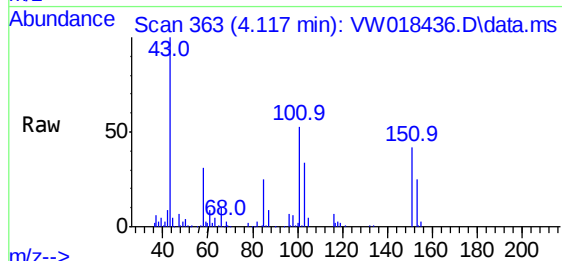




#13  
Acetone  
Concen: 53.02 ug/L  
RT: 4.117 min Scan# 363  
Delta R.T. 0.000 min  
Lab File: VW018436.D  
Acq: 24 Mar 2021 10:05

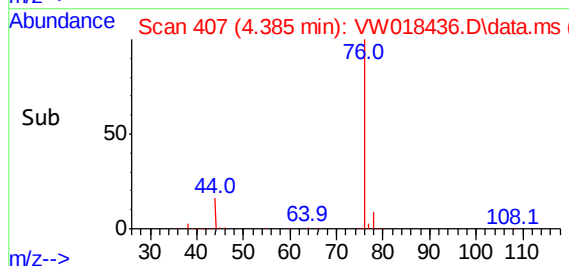
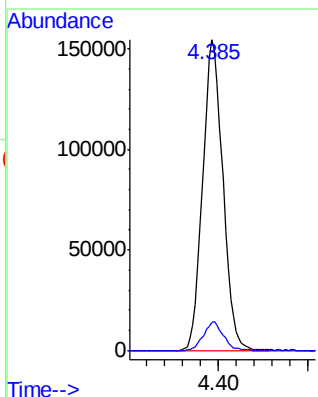
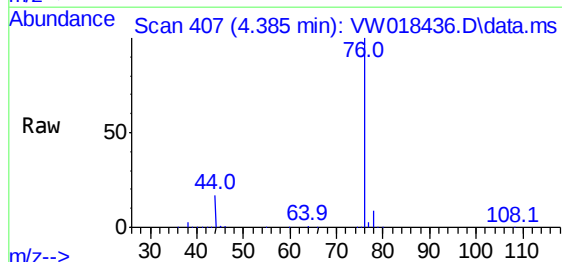
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTD02512

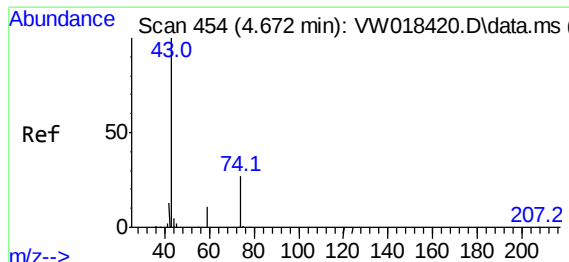
Tgt Ion: 43 Resp: 56289  
Ion Ratio Lower Upper  
43 100  
58 30.6 0.0 62.2



#14  
Carbon disulfide  
Concen: 26.76 ug/L  
RT: 4.385 min Scan# 407  
Delta R.T. 0.000 min  
Lab File: VW018436.D  
Acq: 24 Mar 2021 10:05

Tgt Ion: 76 Resp: 482528  
Ion Ratio Lower Upper  
76 100  
78 9.0 7.4 11.2

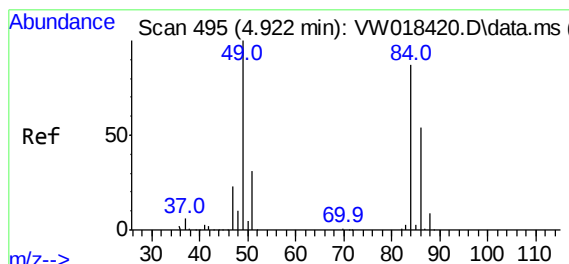
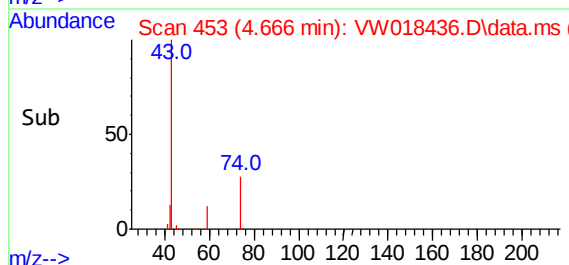
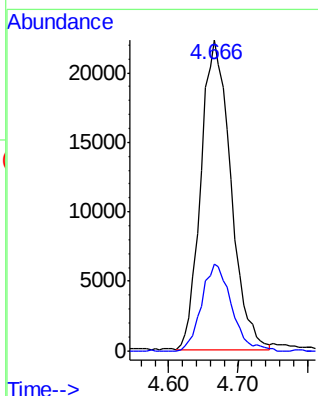
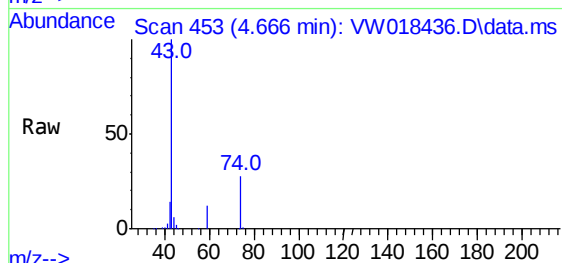




#15  
Methyl Acetate  
Concen: 27.38 ug/L  
RT: 4.666 min Scan# 453  
Delta R.T. -0.006 min  
Lab File: VW018436.D  
Acq: 24 Mar 2021 10:05

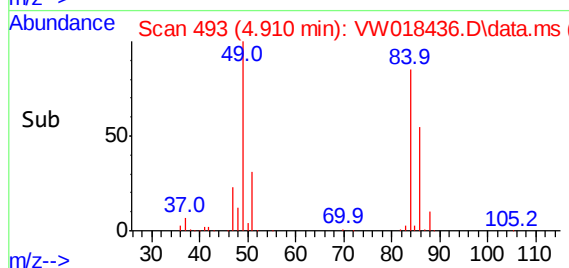
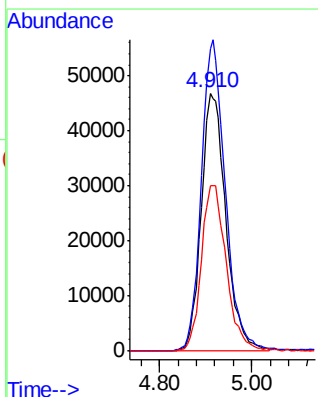
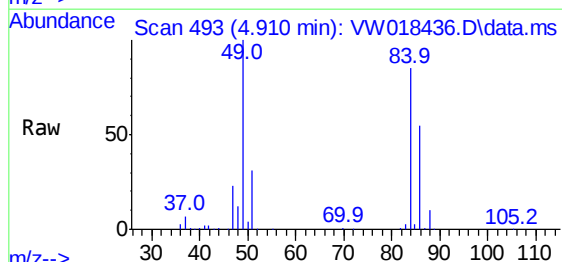
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTD02512

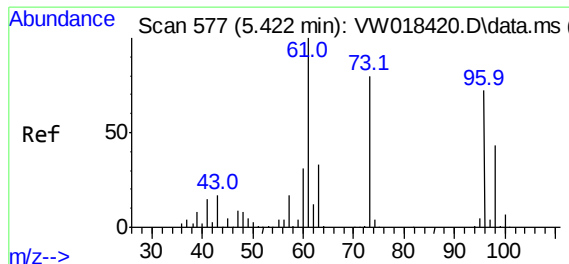
Tgt Ion: 43 Resp: 66485  
Ion Ratio Lower Upper  
43 100  
74 27.2 22.9 34.3



#16  
Methylene chloride  
Concen: 21.97 ug/L  
RT: 4.910 min Scan# 493  
Delta R.T. -0.012 min  
Lab File: VW018436.D  
Acq: 24 Mar 2021 10:05

Tgt Ion: 84 Resp: 171879  
Ion Ratio Lower Upper  
84 100  
49 117.2 74.4 138.2  
86 64.0 46.1 85.7

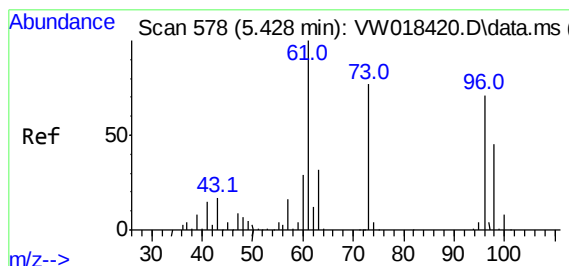
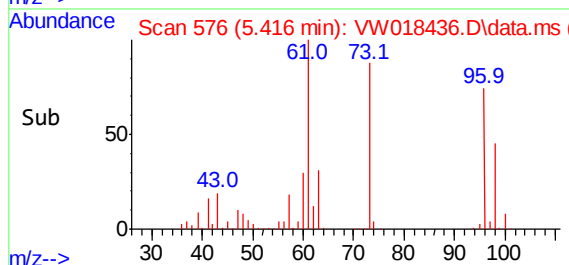
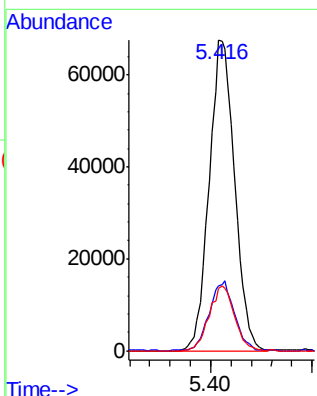
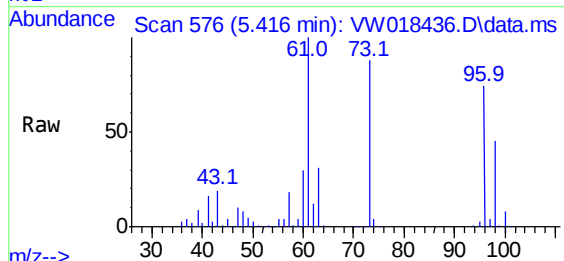




#17  
Methyl tert-butyl Ether  
Concen: 26.76 ug/L  
RT: 5.416 min Scan# 576  
Delta R.T. -0.006 min  
Lab File: VW018436.D  
Acq: 24 Mar 2021 10:05

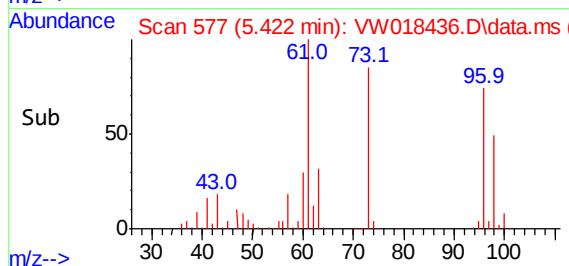
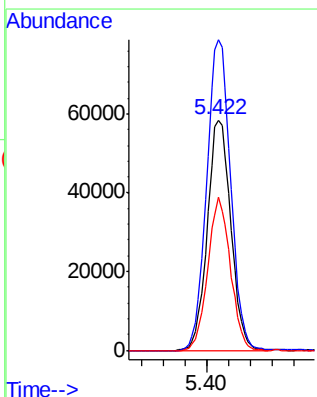
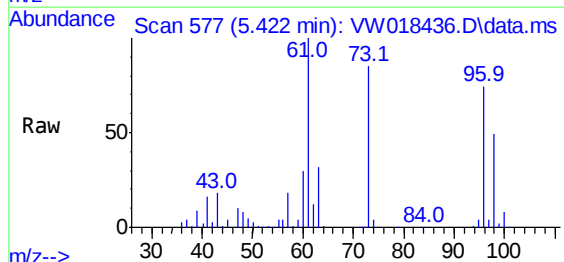
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTD02512

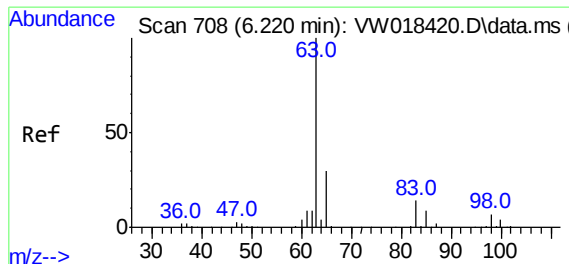
Tgt Ion: 73 Resp: 234095  
Ion Ratio Lower Upper  
73 100  
43 21.9 16.6 24.8  
57 20.6 15.9 23.9



#18  
trans-1,2-Dichloroethene  
Concen: 26.54 ug/L  
RT: 5.422 min Scan# 577  
Delta R.T. -0.006 min  
Lab File: VW018436.D  
Acq: 24 Mar 2021 10:05

Tgt Ion: 96 Resp: 175443  
Ion Ratio Lower Upper  
96 100  
61 134.7 93.3 173.3  
98 66.6 45.2 84.0



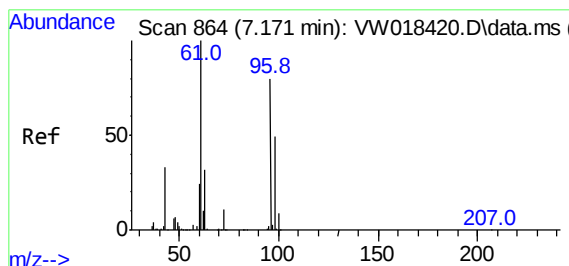
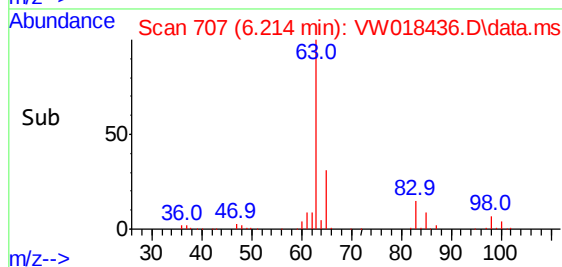
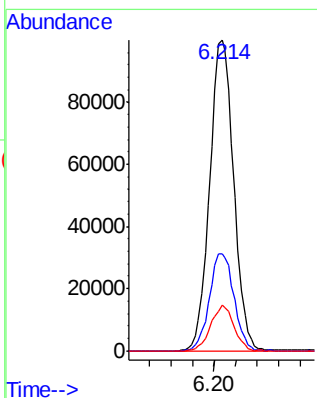
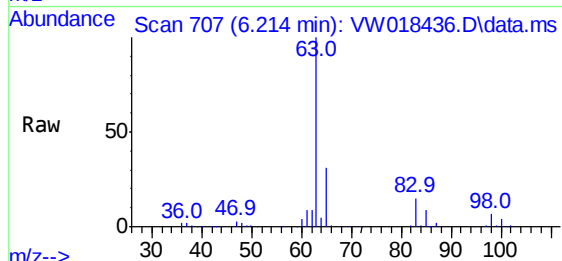


#19  
1,1-Dichloroethane  
Concen: 27.09 ug/L  
RT: 6.214 min Scan# 707  
Delta R.T. -0.006 min  
Lab File: VW018436.D  
Acq: 24 Mar 2021 10:05

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTD02512

Tgt Ion: 63 Resp: 305513  

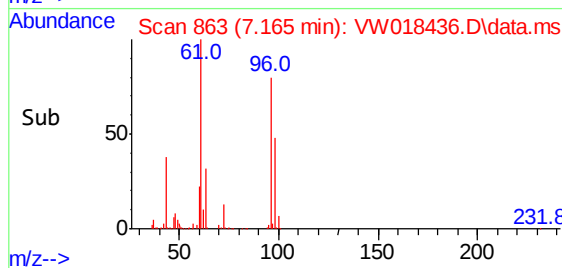
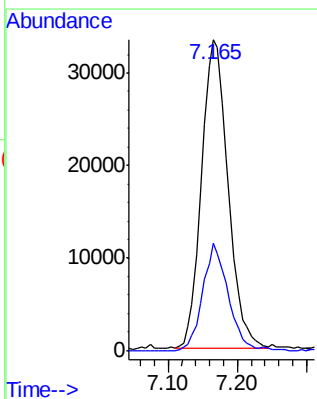
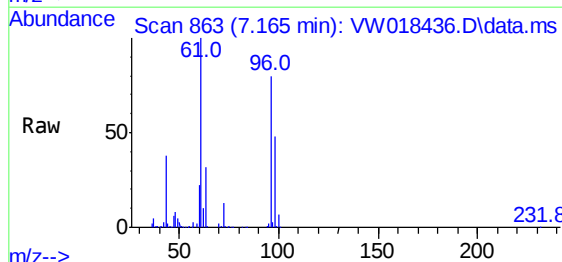
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 63  | 100   |       |       |
| 65  | 31.2  | 23.5  | 43.7  |
| 83  | 14.5  | 10.3  | 19.1  |

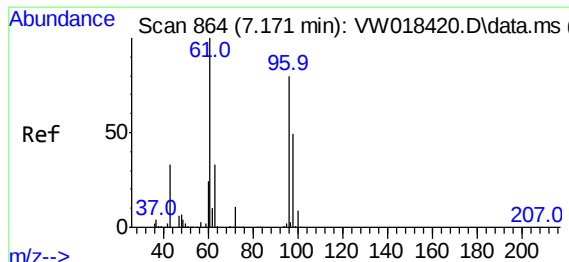


#21  
2-Butanone  
Concen: 52.49 ug/L  
RT: 7.165 min Scan# 863  
Delta R.T. -0.006 min  
Lab File: VW018436.D  
Acq: 24 Mar 2021 10:05

Tgt Ion: 43 Resp: 88537  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 72  | 32.9  | 16.5  | 49.5  |



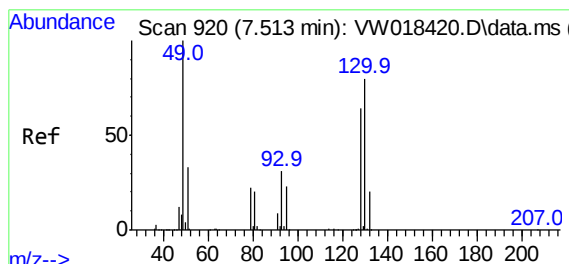
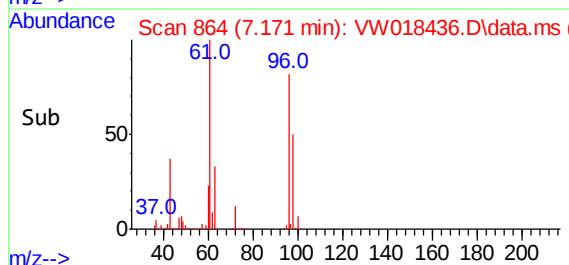
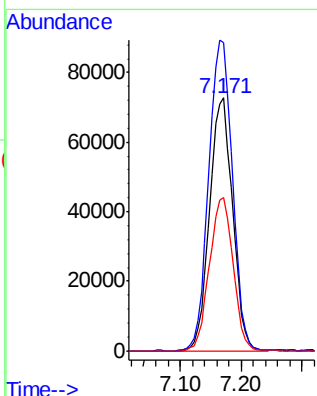
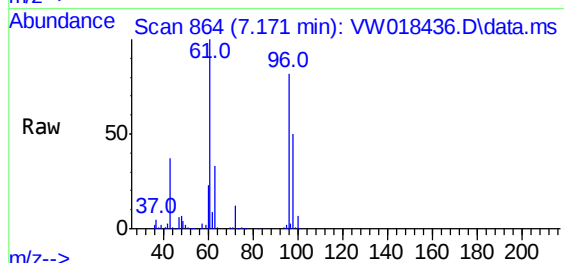


#22  
 cis-1,2-Dichloroethene  
 Concen: 27.19 ug/L  
 RT: 7.171 min Scan# 864  
 Delta R.T. 0.000 min  
 Lab File: VW018436.D  
 Acq: 24 Mar 2021 10:05

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTD02512

Tgt Ion: 96 Resp: 189052

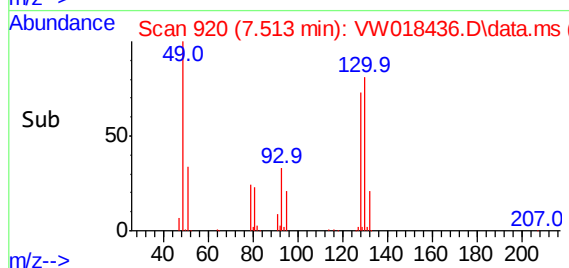
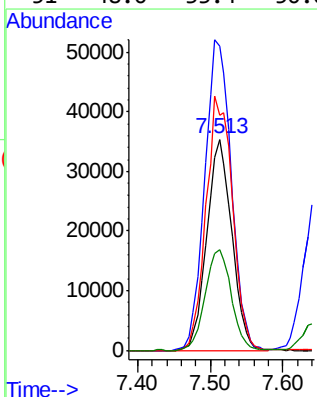
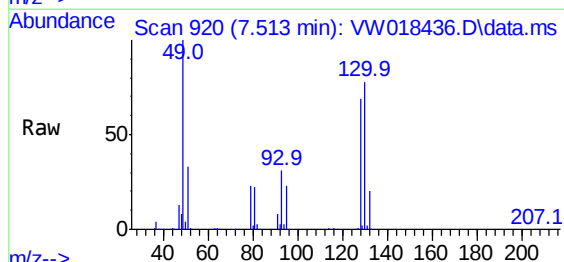
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 121.9 | 84.8  | 157.6 |
| 98  | 60.7  | 45.1  | 83.9  |

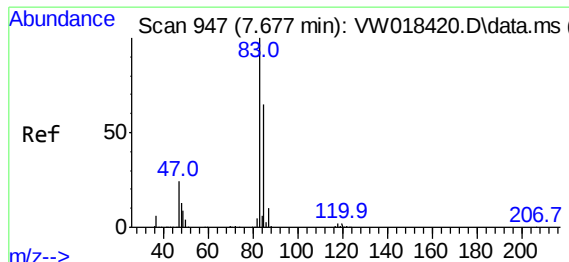


#23  
 Bromochloromethane  
 Concen: 27.39 ug/L  
 RT: 7.513 min Scan# 920  
 Delta R.T. 0.000 min  
 Lab File: VW018436.D  
 Acq: 24 Mar 2021 10:05

Tgt Ion: 128 Resp: 84297

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 49  | 143.9 | 92.4  | 171.6 |
| 130 | 111.6 | 83.9  | 155.7 |
| 51  | 48.0  | 33.4  | 50.0  |

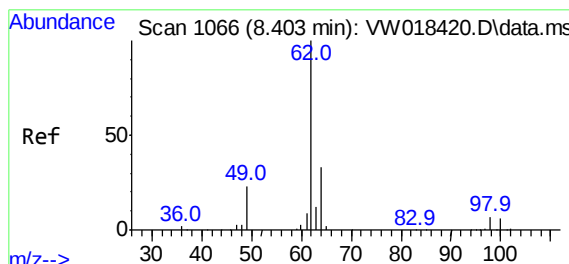
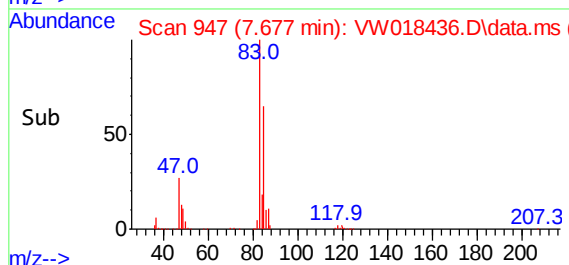
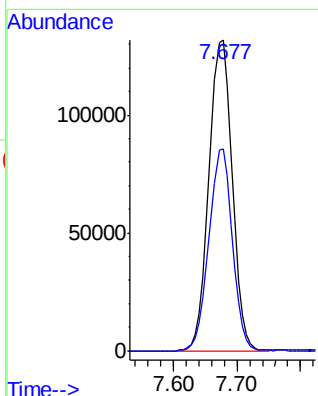
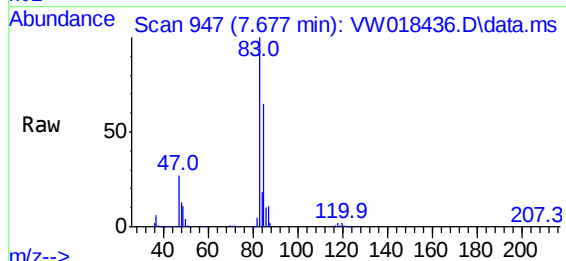




#25  
Chloroform  
Concen: 27.21 ug/L  
RT: 7.677 min Scan# 947  
Delta R.T. 0.000 min  
Lab File: VW018436.D  
Acq: 24 Mar 2021 10:05

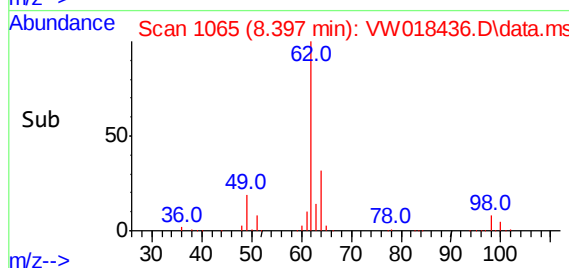
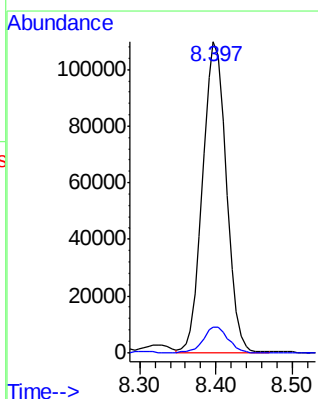
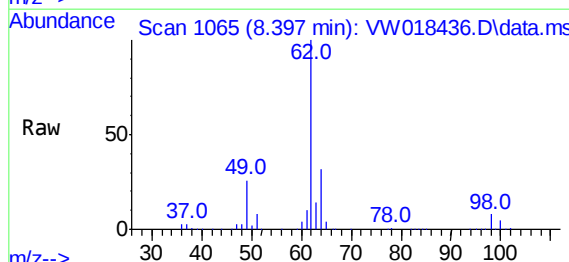
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTD02512

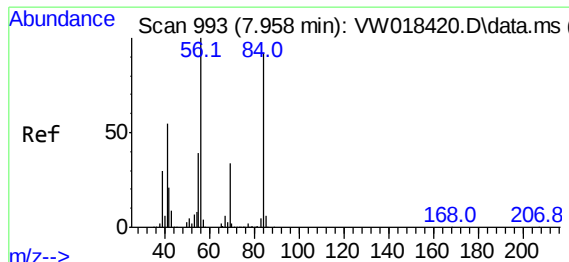
Tgt Ion: 83 Resp: 325671  
Ion Ratio Lower Upper  
83 100  
85 65.4 46.4 86.2



#27  
1,2-Dichloroethane  
Concen: 27.89 ug/L  
RT: 8.397 min Scan# 1065  
Delta R.T. -0.006 min  
Lab File: VW018436.D  
Acq: 24 Mar 2021 10:05

Tgt Ion: 62 Resp: 236861  
Ion Ratio Lower Upper  
62 100  
98 8.0 6.4 9.6

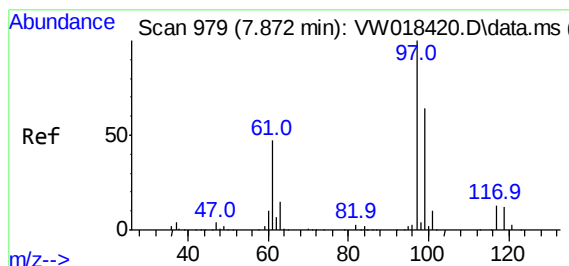
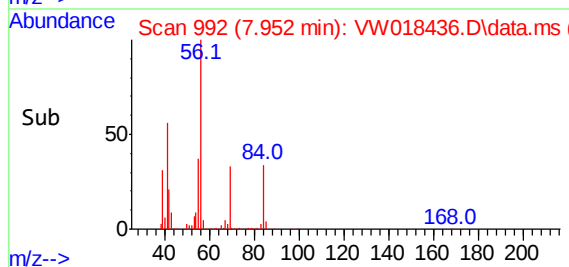
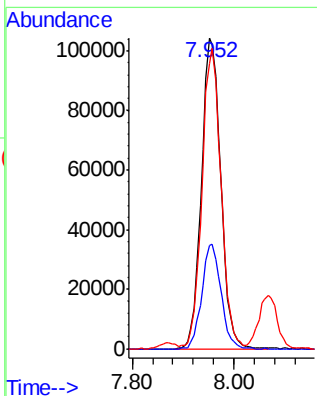
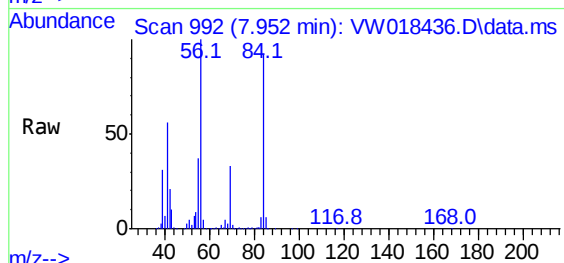




#30  
Cyclohexane  
Concen: 26.13 ug/L  
RT: 7.952 min Scan# 992  
Delta R.T. -0.006 min  
Lab File: VW018436.D  
Acq: 24 Mar 2021 10:05

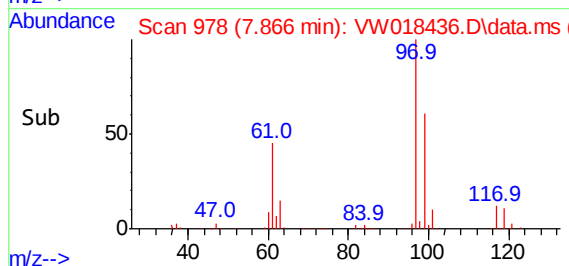
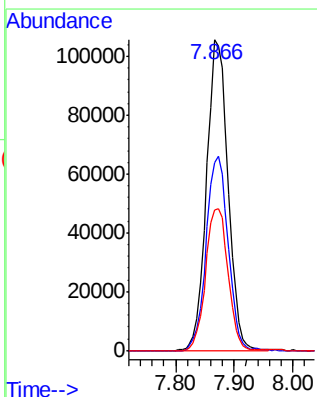
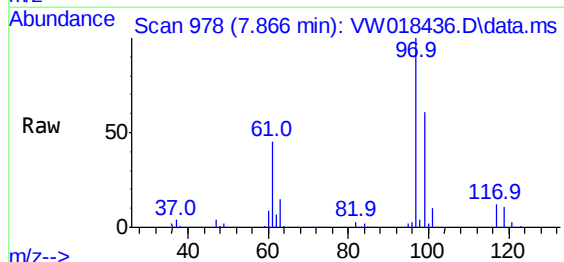
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTD02512

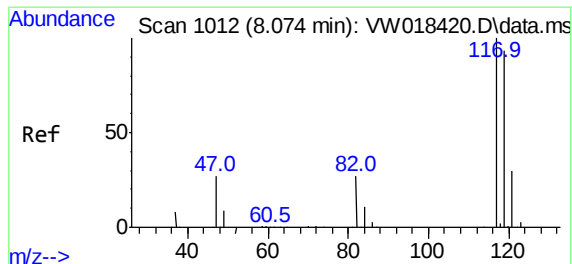
Tgt Ion: 56 Resp: 273670  
Ion Ratio Lower Upper  
56 100  
69 33.2 27.0 40.6  
84 95.4 79.9 119.9



#31  
1,1,1-Trichloroethane  
Concen: 27.19 ug/L  
RT: 7.866 min Scan# 978  
Delta R.T. -0.006 min  
Lab File: VW018436.D  
Acq: 24 Mar 2021 10:05

Tgt Ion: 97 Resp: 268041  
Ion Ratio Lower Upper  
97 100  
99 63.7 51.7 77.5  
61 47.7 34.8 52.2

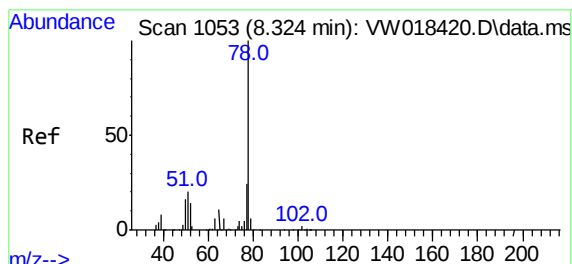
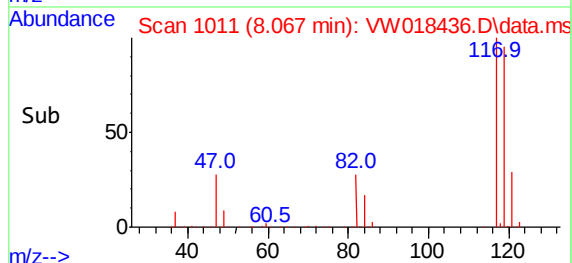
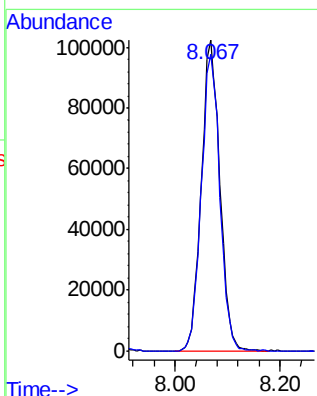
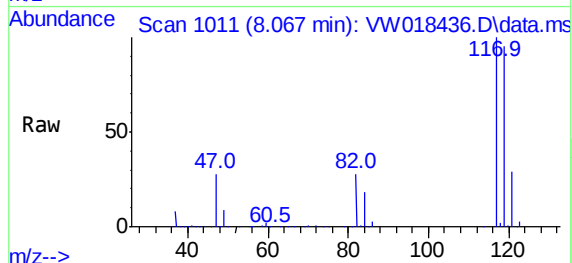




#32  
Carbon tetrachloride  
Concen: 27.16 ug/L  
RT: 8.067 min Scan# 1011  
Delta R.T. -0.006 min  
Lab File: VW018436.D  
Acq: 24 Mar 2021 10:05

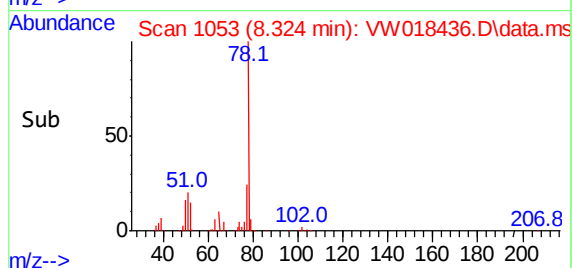
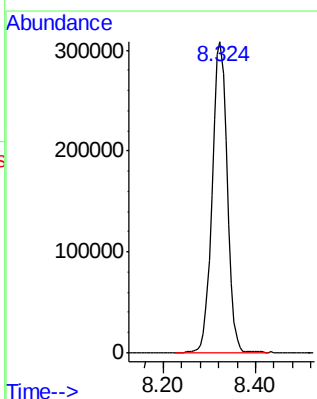
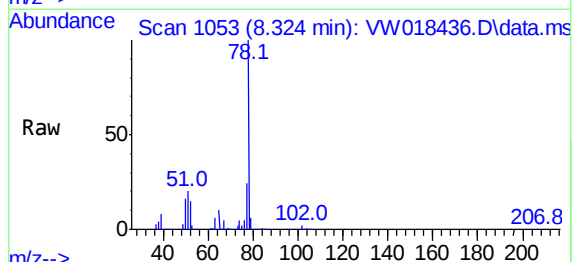
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTD02512

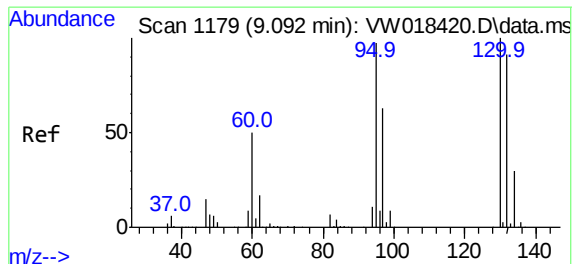
Tgt Ion:117 Resp: 249504  
Ion Ratio Lower Upper  
117 100  
119 95.9 76.7 115.1



#34  
Benzene  
Concen: 27.19 ug/L  
RT: 8.324 min Scan# 1053  
Delta R.T. 0.000 min  
Lab File: VW018436.D  
Acq: 24 Mar 2021 10:05

Tgt Ion: 78 Resp: 694670



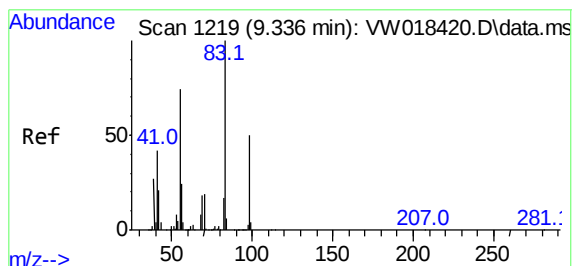
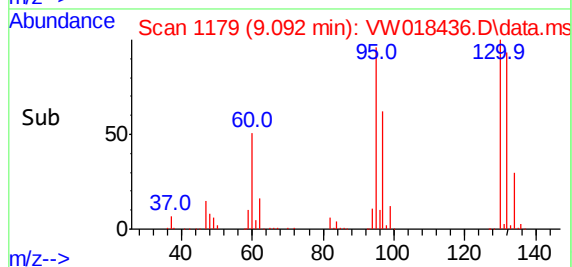
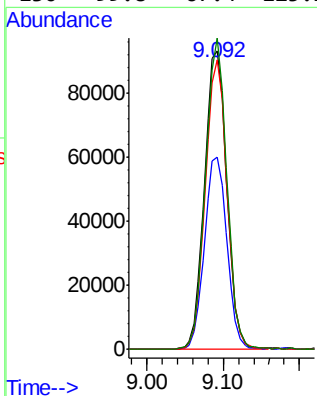
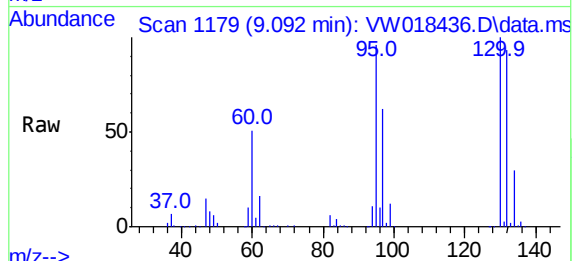


#35  
Trichloroethene  
Concen: 26.58 ug/L  
RT: 9.092 min Scan# 1179  
Delta R.T. 0.000 min  
Lab File: VW018436.D  
Acq: 24 Mar 2021 10:05

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTD02512

Tgt Ion: 95 Resp: 187595

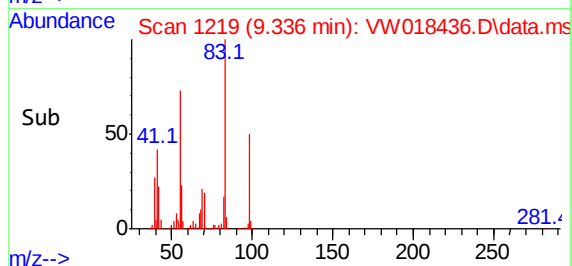
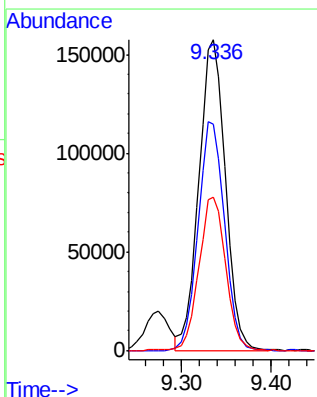
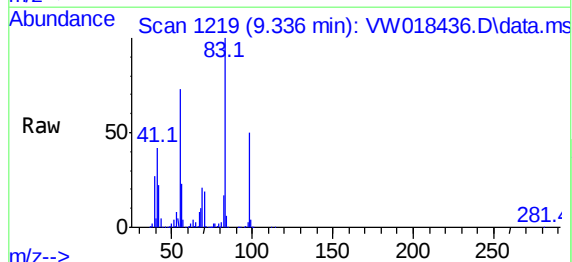
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 95  | 100   |       |       |
| 97  | 64.9  | 44.4  | 82.4  |
| 132 | 94.8  | 65.9  | 122.5 |
| 130 | 99.8  | 67.4  | 125.2 |

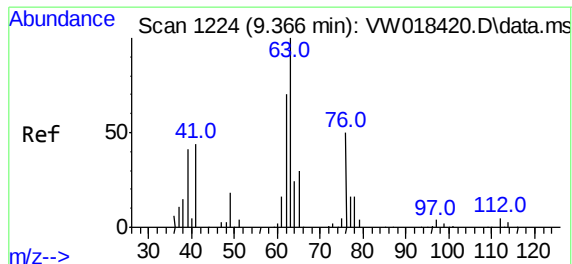


#36  
Methylcyclohexane  
Concen: 26.27 ug/L  
RT: 9.336 min Scan# 1219  
Delta R.T. 0.000 min  
Lab File: VW018436.D  
Acq: 24 Mar 2021 10:05

Tgt Ion: 83 Resp: 324675

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 55  | 72.9  | 56.8  | 85.2  |
| 98  | 49.7  | 40.6  | 61.0  |

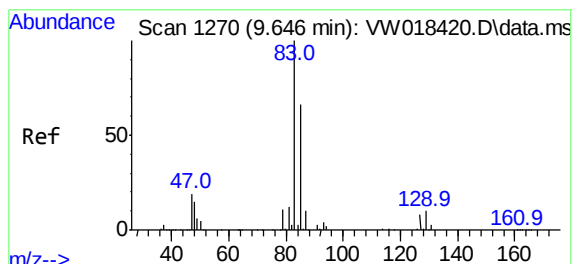
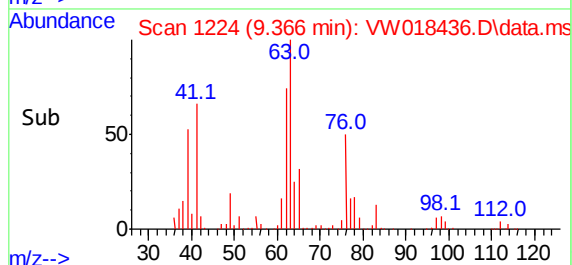
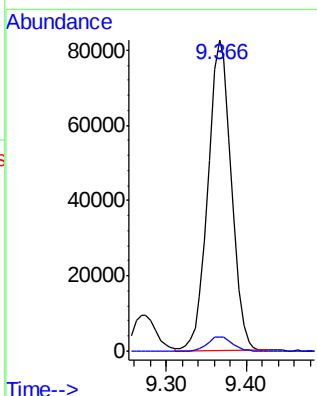
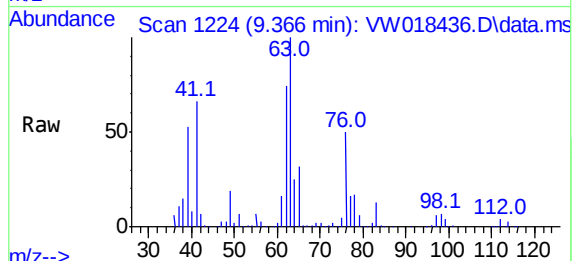




#40  
1,2-Dichloropropane  
Concen: 26.82 ug/L  
RT: 9.366 min Scan# 1224  
Delta R.T. 0.000 min  
Lab File: VW018436.D  
Acq: 24 Mar 2021 10:05

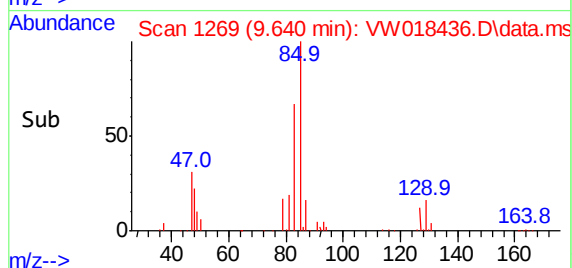
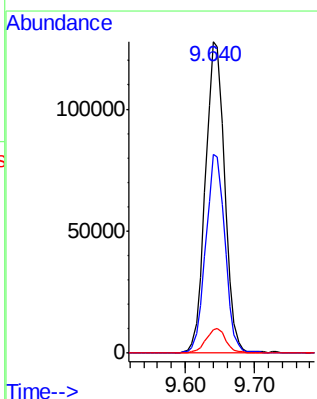
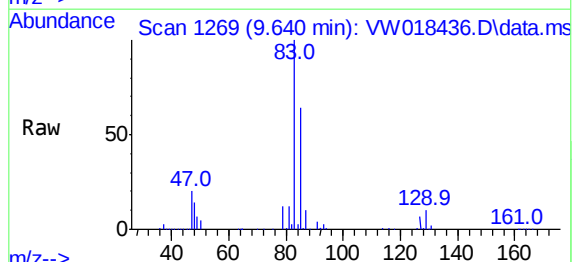
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTD02512

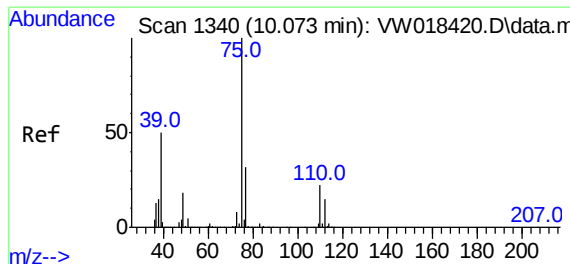
Tgt Ion: 63 Resp: 167625  
Ion Ratio Lower Upper  
63 100  
112 4.7 4.2 6.4



#41  
Bromodichloromethane  
Concen: 27.66 ug/L  
RT: 9.640 min Scan# 1269  
Delta R.T. -0.006 min  
Lab File: VW018436.D  
Acq: 24 Mar 2021 10:05

Tgt Ion: 83 Resp: 244344  
Ion Ratio Lower Upper  
83 100  
85 63.7 43.8 81.4  
127 7.4 6.9 10.3

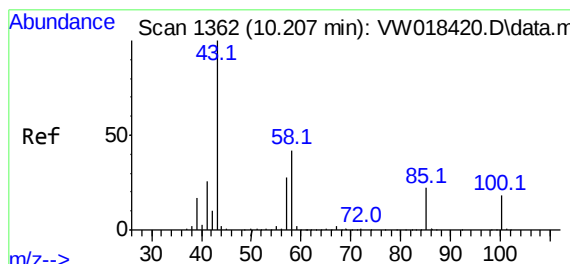
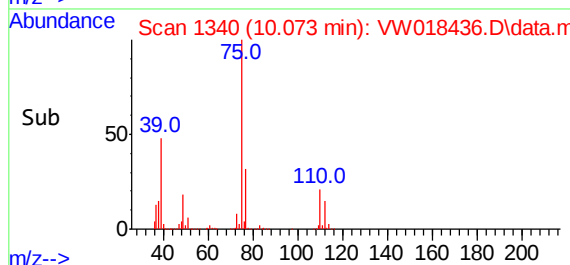
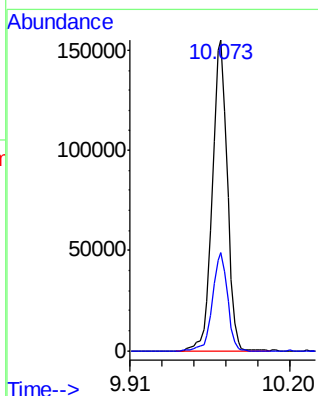
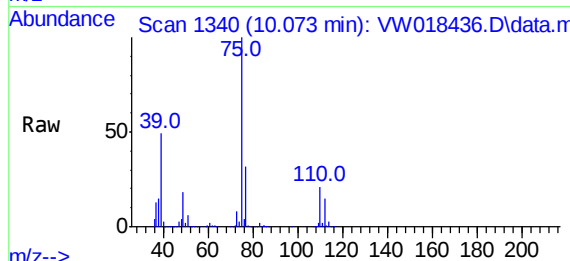




#42  
cis-1,3-Dichloropropene  
Concen: 26.78 ug/L  
RT: 10.073 min Scan# 1340  
Delta R.T. 0.000 min  
Lab File: VW018436.D  
Acq: 24 Mar 2021 10:05

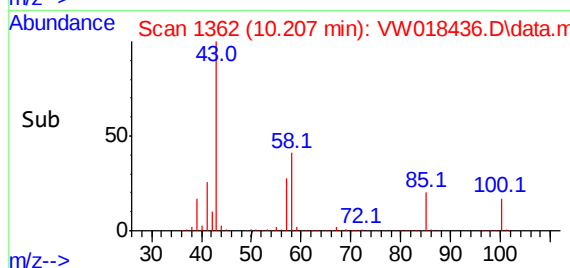
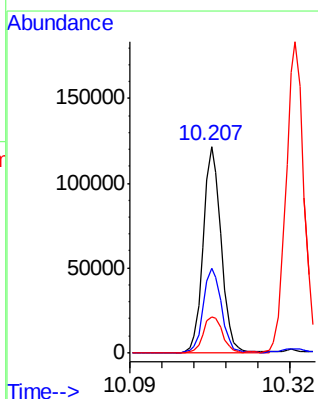
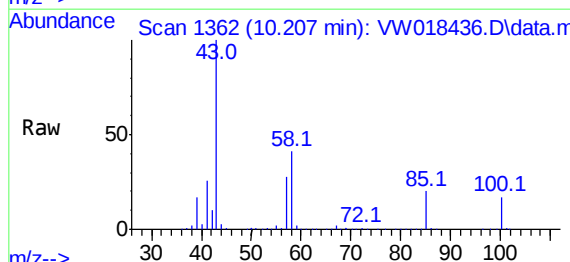
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTD02512

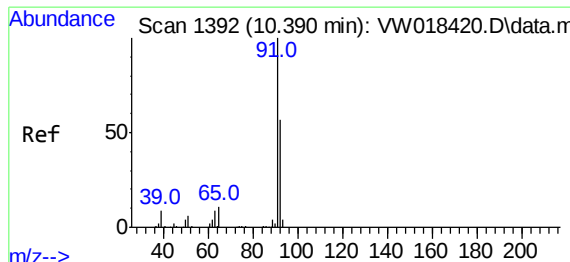
Tgt Ion: 75 Resp: 282988  
Ion Ratio Lower Upper  
75 100  
77 31.6 22.4 41.6



#43  
4-Methyl-2-pentanone  
Concen: 55.44 ug/L  
RT: 10.207 min Scan# 1362  
Delta R.T. 0.000 min  
Lab File: VW018436.D  
Acq: 24 Mar 2021 10:05

Tgt Ion: 43 Resp: 208356  
Ion Ratio Lower Upper  
43 100  
58 41.6 34.8 52.2  
100 18.2 15.9 23.9





#44

Toluene

Concen: 26.87 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. -0.006 min

Lab File: VW018436.D

Acq: 24 Mar 2021 10:05

Tgt Ion: 91 Resp: 780374

Ion Ratio Lower Upper

91 100

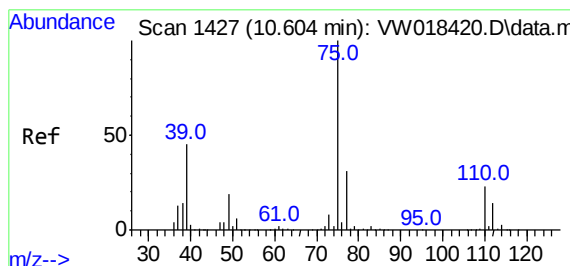
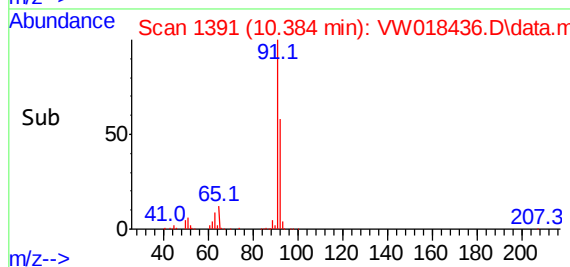
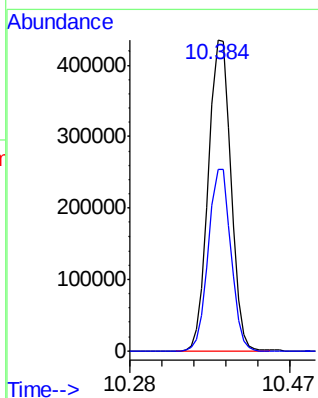
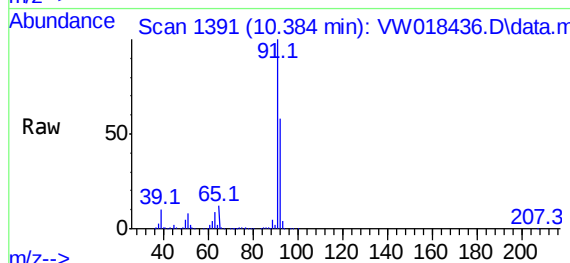
92 58.3 42.3 78.5

Instrument :

MSVOA\_W

ClientSampleId :

VSTD02512



#45

trans-1,3-Dichloropropene

Concen: 27.41 ug/L

RT: 10.604 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VW018436.D

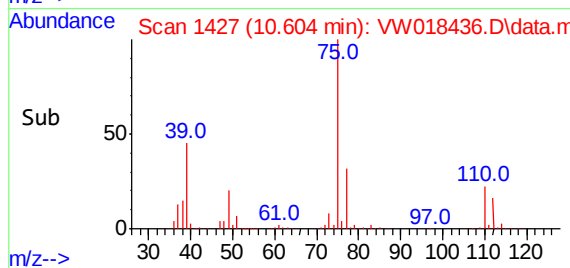
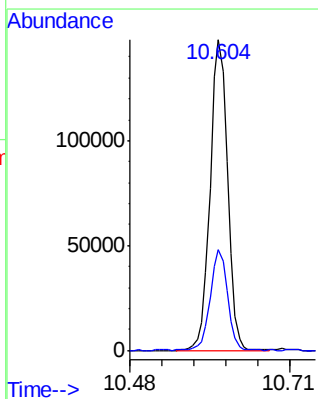
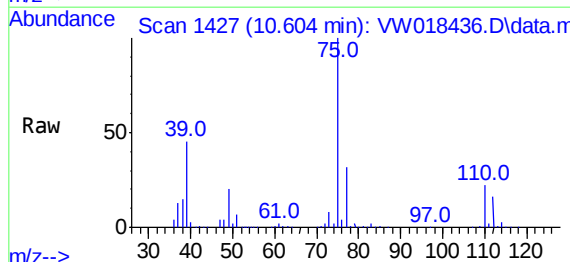
Acq: 24 Mar 2021 10:05

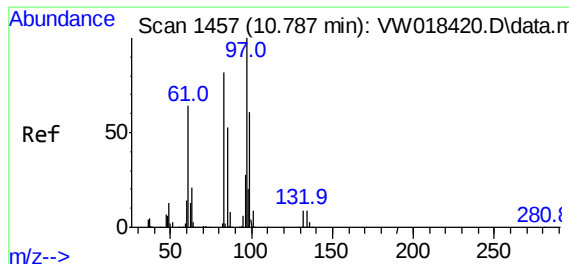
Tgt Ion: 75 Resp: 260085

Ion Ratio Lower Upper

75 100

77 32.5 22.6 42.0



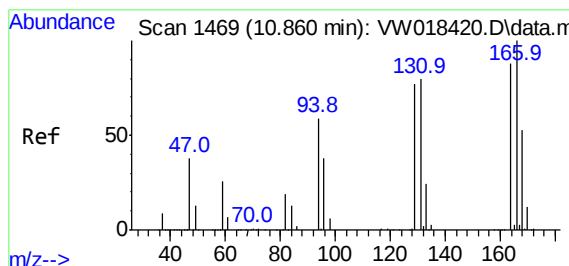
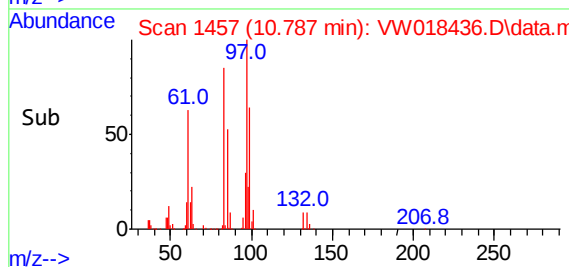
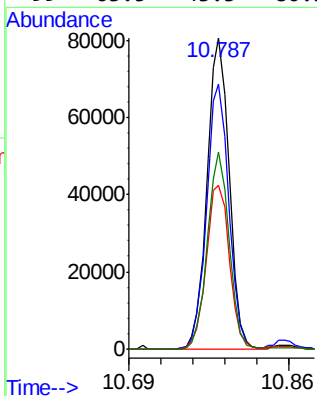
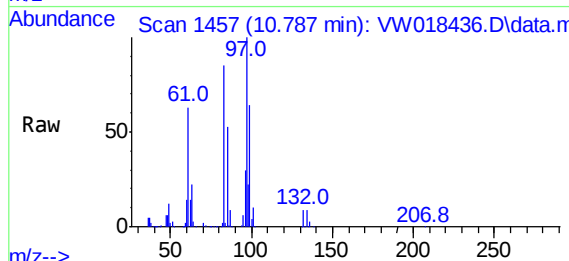


#46  
1,1,2-Trichloroethane  
Concen: 27.71 ug/L  
RT: 10.787 min Scan# 1457  
Delta R.T. 0.000 min  
Lab File: VW018436.D  
Acq: 24 Mar 2021 10:05

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTD02512

Tgt Ion: 97 Resp: 138097

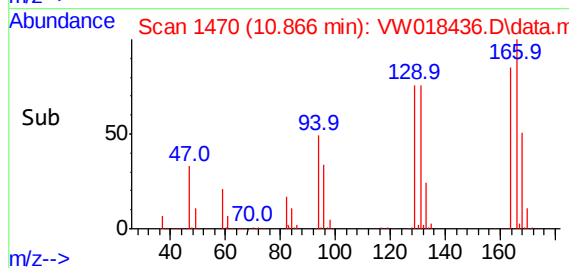
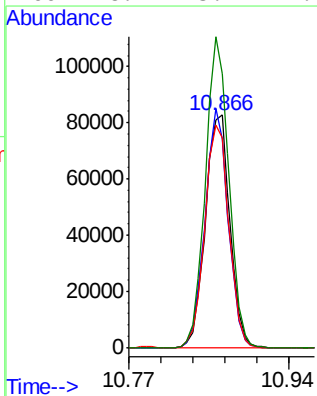
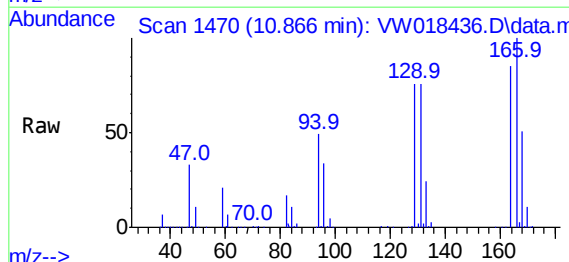
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 85.1  | 58.9  | 109.5 |
| 85  | 52.8  | 38.4  | 71.4  |
| 99  | 63.5  | 43.3  | 80.3  |

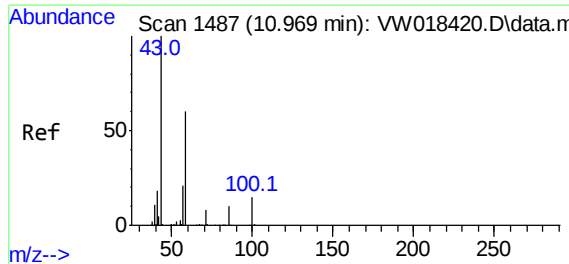


#47  
Tetrachloroethene  
Concen: 27.02 ug/L  
RT: 10.866 min Scan# 1470  
Delta R.T. 0.006 min  
Lab File: VW018436.D  
Acq: 24 Mar 2021 10:05

Tgt Ion: 164 Resp: 144794

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 129 | 89.6  | 68.8  | 127.8 |
| 131 | 90.1  | 68.3  | 126.8 |
| 166 | 118.1 | 95.4  | 177.2 |



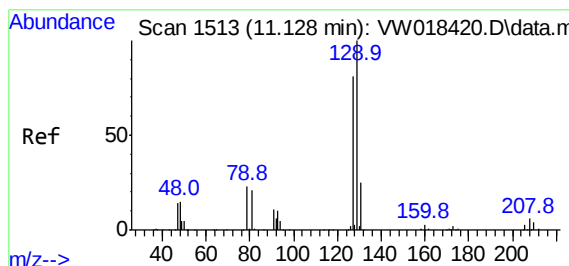
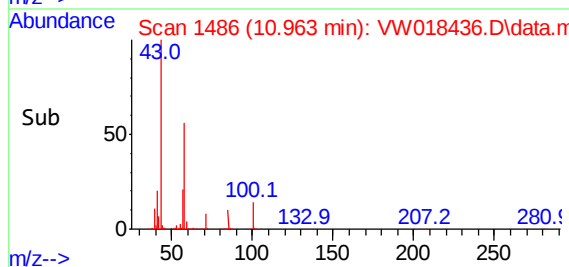
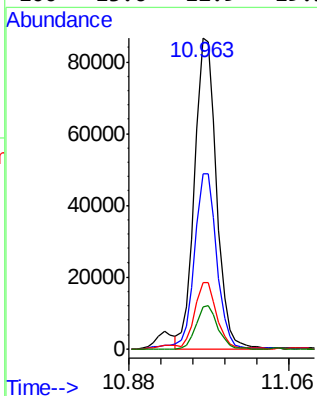
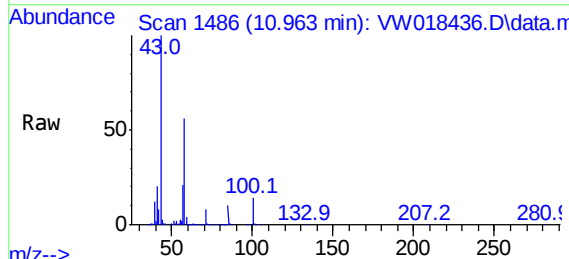


#49  
2-Hexanone  
Concen: 55.46 ug/L  
RT: 10.963 min Scan# 1486  
Delta R.T. -0.006 min  
Lab File: VW018436.D  
Acq: 24 Mar 2021 10:05

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTD02512

Tgt Ion: 43 Resp: 147488

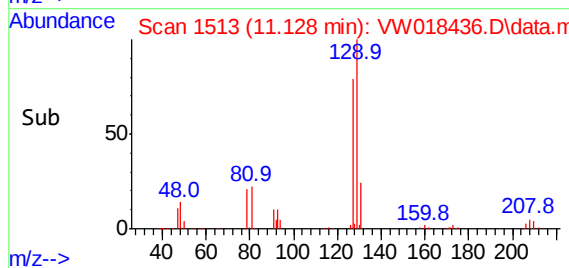
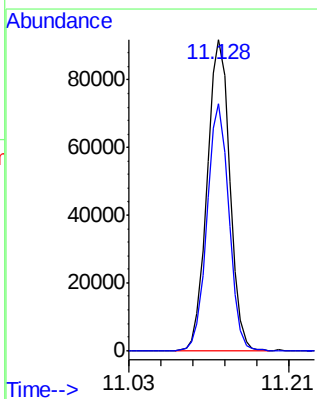
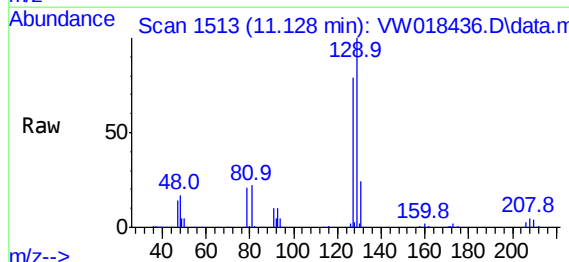
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 57.7  | 47.3  | 70.9  |
| 57  | 21.2  | 17.3  | 25.9  |
| 100 | 13.6  | 12.9  | 19.3  |

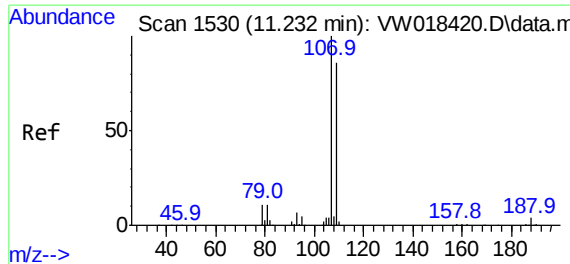


#50  
Dibromochloromethane  
Concen: 27.47 ug/L  
RT: 11.128 min Scan# 1513  
Delta R.T. 0.000 min  
Lab File: VW018436.D  
Acq: 24 Mar 2021 10:05

Tgt Ion: 129 Resp: 161399

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 129 | 100   |       |       |
| 127 | 79.4  | 58.0  | 107.6 |

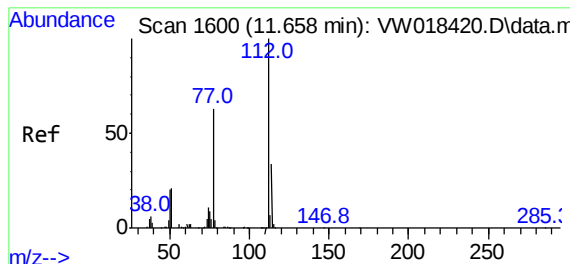
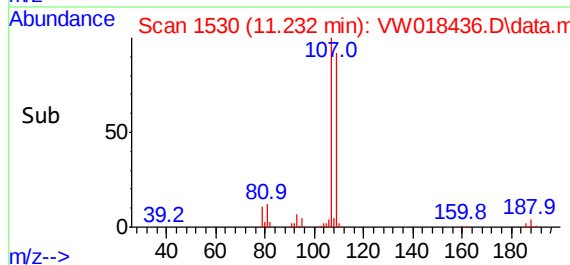
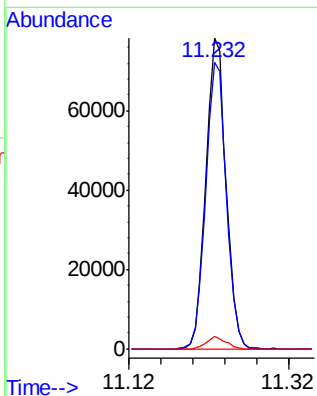
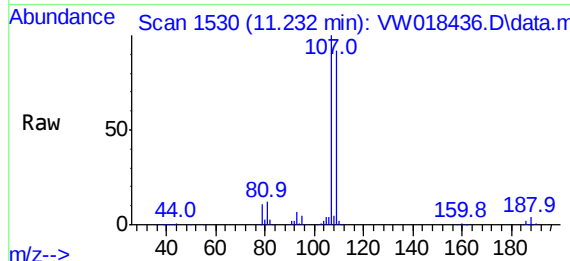




#51  
1,2-Dibromoethane  
Concen: 27.75 ug/L  
RT: 11.232 min Scan# 1530  
Delta R.T. 0.000 min  
Lab File: VW018436.D  
Acq: 24 Mar 2021 10:05

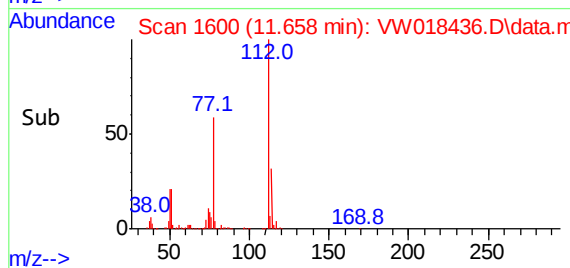
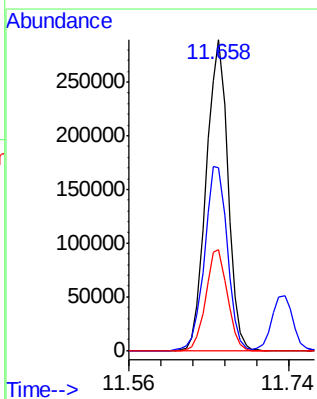
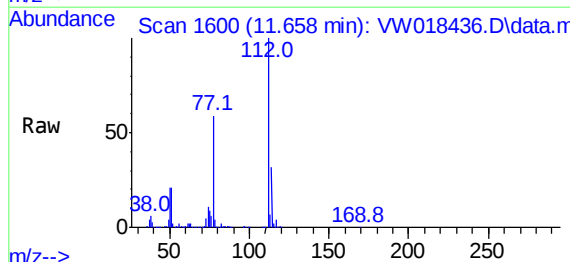
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTD02512

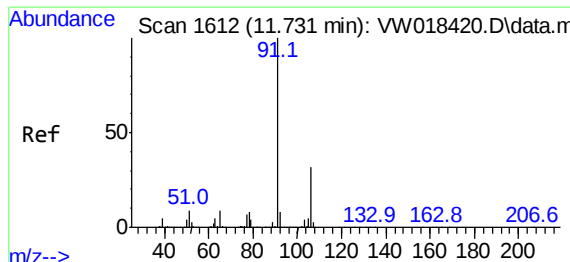
Tgt Ion:107 Resp: 136937  
Ion Ratio Lower Upper  
107 100  
109 92.0 65.9 122.5  
188 3.9 3.0 4.4



#52  
Chlorobenzene  
Concen: 26.37 ug/L  
RT: 11.658 min Scan# 1600  
Delta R.T. 0.000 min  
Lab File: VW018436.D  
Acq: 24 Mar 2021 10:05

Tgt Ion:112 Resp: 485711  
Ion Ratio Lower Upper  
112 100  
77 58.8 45.4 68.2  
114 32.3 22.5 41.9

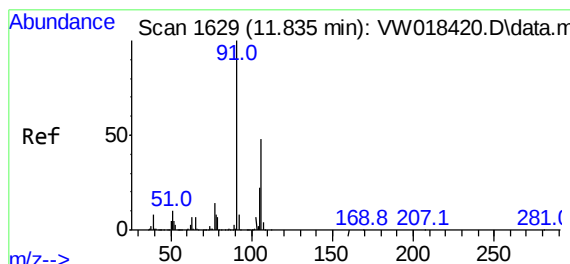
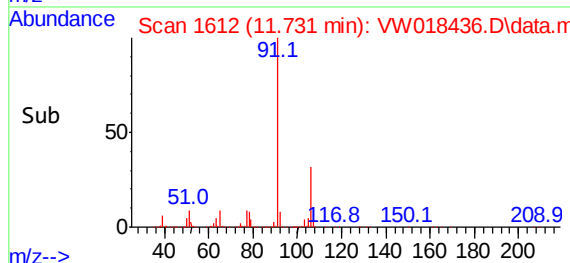
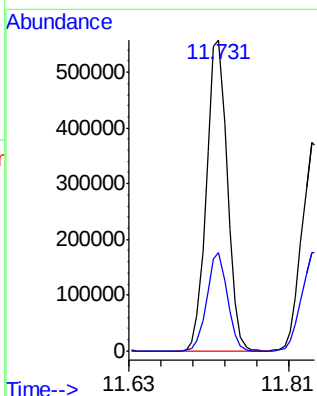
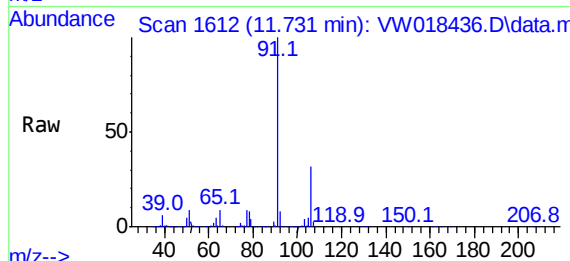




#53  
Ethylbenzene  
Concen: 27.57 ug/L  
RT: 11.731 min Scan# 1612  
Delta R.T. 0.000 min  
Lab File: VW018436.D  
Acq: 24 Mar 2021 10:05

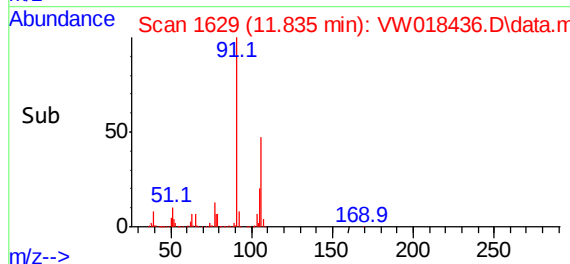
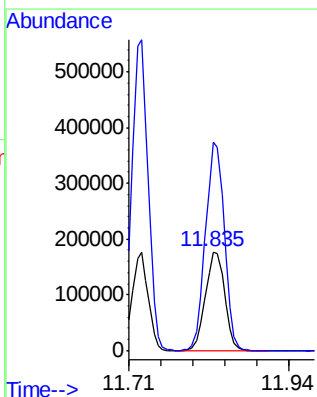
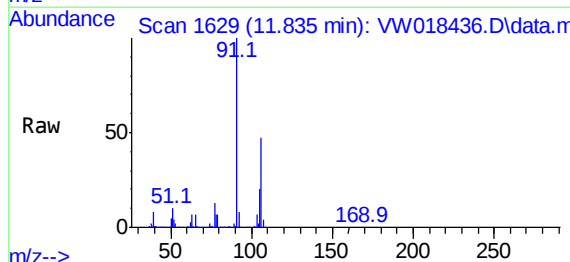
Instrument :  
MSVOA\_W  
ClientSampled :  
VSTD02512

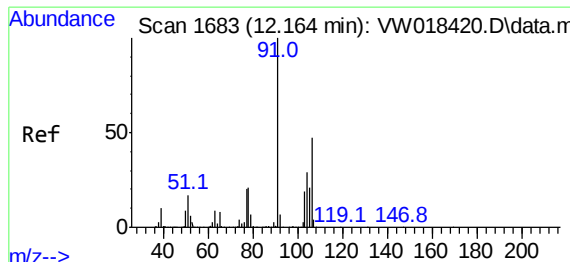
Tgt Ion: 91 Resp: 902687  
Ion Ratio Lower Upper  
91 100  
106 31.6 21.7 40.3



#54  
m,p-Xylene  
Concen: 27.06 ug/L  
RT: 11.835 min Scan# 1629  
Delta R.T. 0.000 min  
Lab File: VW018436.D  
Acq: 24 Mar 2021 10:05

Tgt Ion: 106 Resp: 338553  
Ion Ratio Lower Upper  
106 100  
91 211.3 145.3 269.8

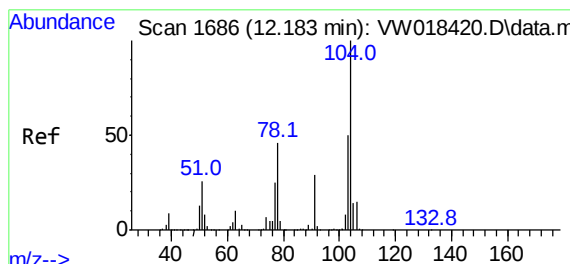
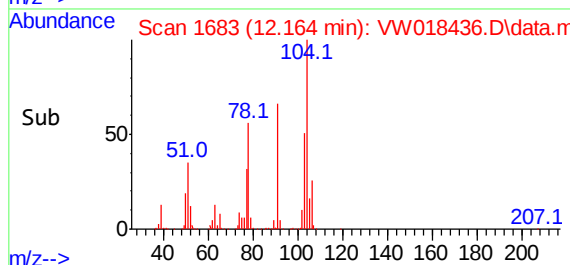
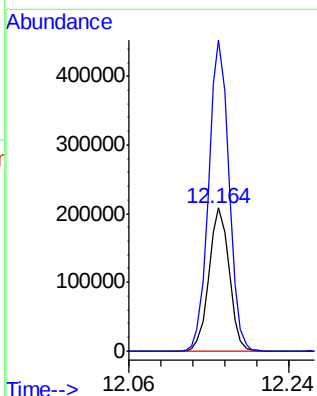
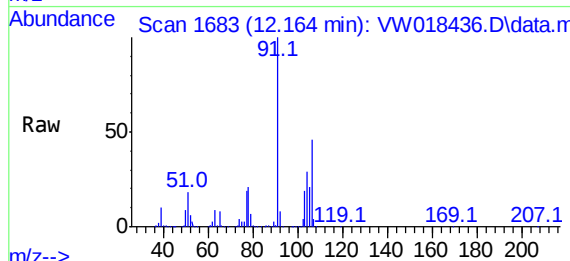




#55  
o-xylene  
Concen: 27.37 ug/L  
RT: 12.164 min Scan# 1683  
Delta R.T. 0.000 min  
Lab File: VW018436.D  
Acq: 24 Mar 2021 10:05

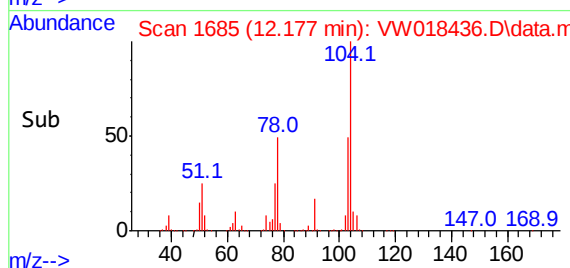
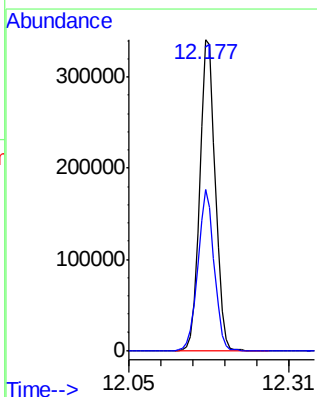
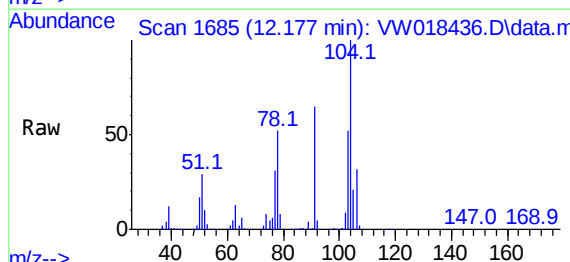
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTD02512

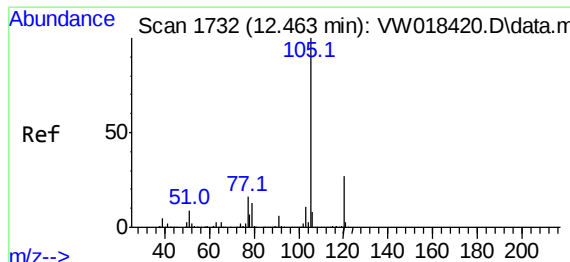
Tgt Ion:106 Resp: 326537  
Ion Ratio Lower Upper  
106 100  
91 217.6 154.3 286.5



#56  
Styrene  
Concen: 27.51 ug/L  
RT: 12.177 min Scan# 1685  
Delta R.T. -0.006 min  
Lab File: VW018436.D  
Acq: 24 Mar 2021 10:05

Tgt Ion:104 Resp: 559652  
Ion Ratio Lower Upper  
104 100  
78 51.7 34.7 64.5

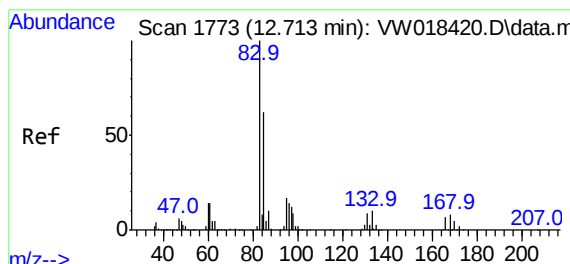
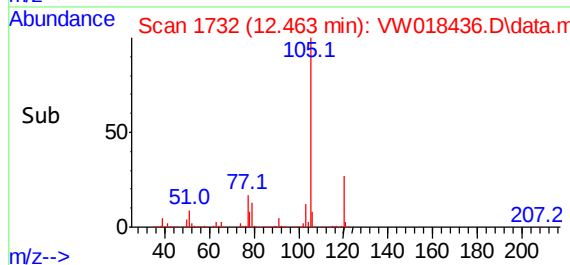
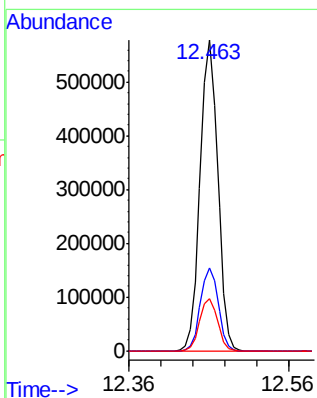
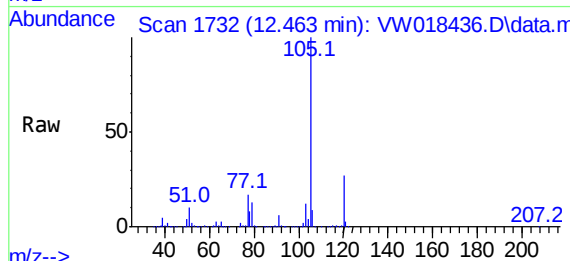




#57  
Isopropylbenzene  
Concen: 27.35 ug/L  
RT: 12.463 min Scan# 1732  
Delta R.T. 0.000 min  
Lab File: VW018436.D  
Acq: 24 Mar 2021 10:05

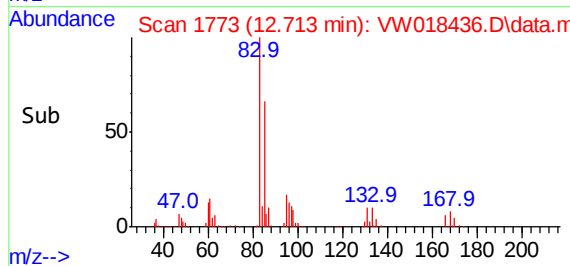
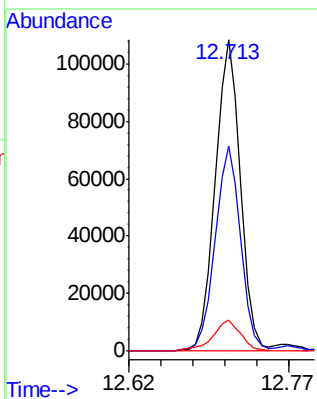
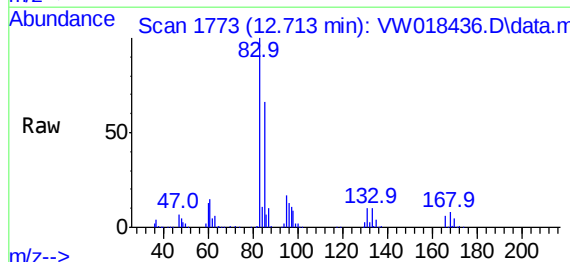
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTD02512

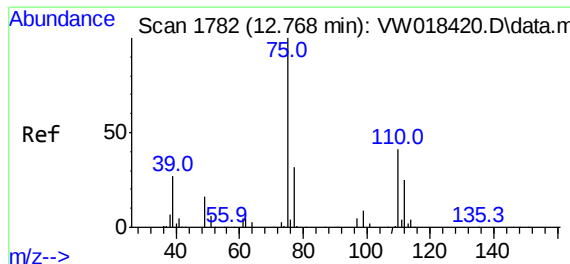
Tgt Ion:105 Resp: 887149  
Ion Ratio Lower Upper  
105 100  
120 26.9 20.9 31.3  
77 16.9 13.2 19.8



#58  
1,1,2,2-Tetrachloroethane  
Concen: 28.68 ug/L  
RT: 12.713 min Scan# 1773  
Delta R.T. 0.000 min  
Lab File: VW018436.D  
Acq: 24 Mar 2021 10:05

Tgt Ion: 83 Resp: 172964  
Ion Ratio Lower Upper  
83 100  
85 65.8 49.0 91.0  
131 9.7 8.7 13.1

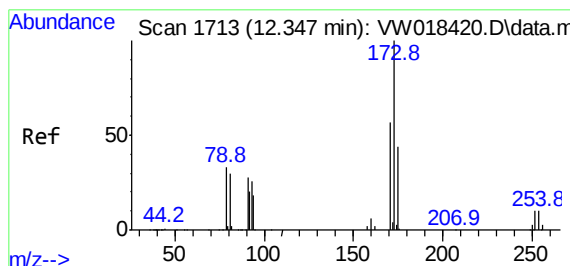
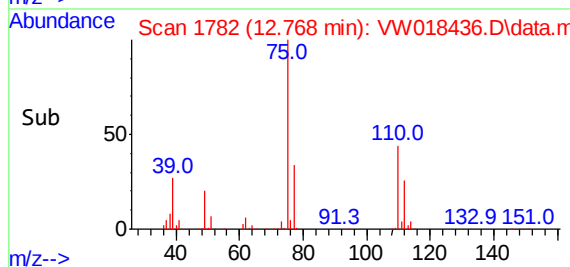
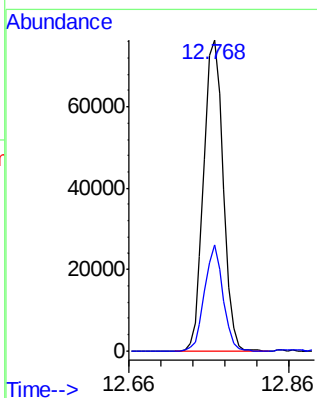
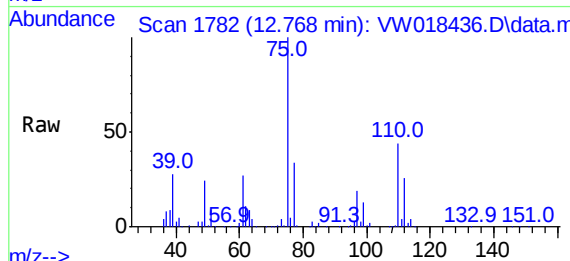




#59  
1,2,3-Trichloropropane  
Concen: 28.47 ug/L  
RT: 12.768 min Scan# 1782  
Delta R.T. 0.000 min  
Lab File: VW018436.D  
Acq: 24 Mar 2021 10:05

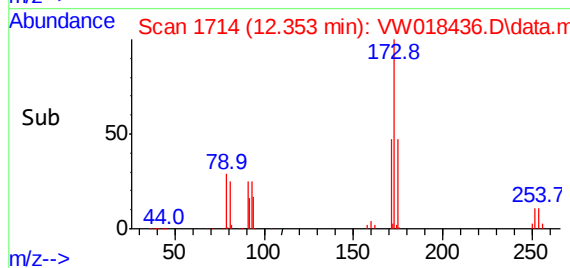
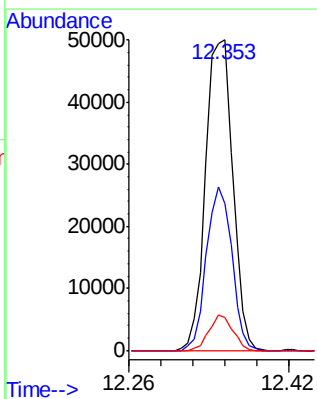
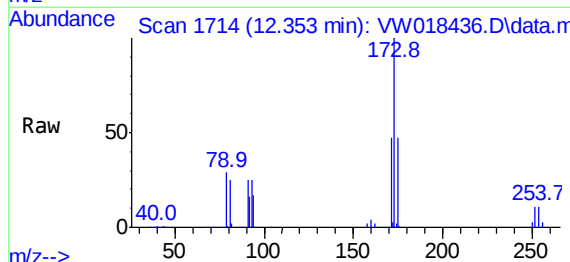
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTD02512

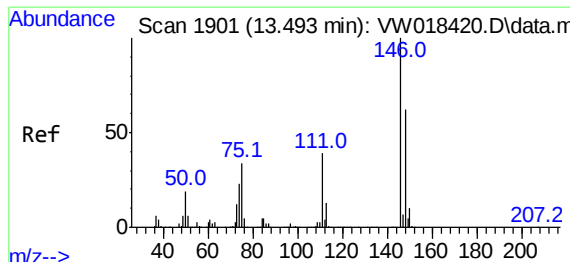
Tgt Ion: 75 Resp: 129634  
Ion Ratio Lower Upper  
75 100  
77 31.9 25.6 38.4



#62  
Bromoform  
Concen: 27.24 ug/L  
RT: 12.353 min Scan# 1714  
Delta R.T. 0.006 min  
Lab File: VW018436.D  
Acq: 24 Mar 2021 10:05

Tgt Ion: 173 Resp: 92744  
Ion Ratio Lower Upper  
173 100  
175 49.0 38.2 57.2  
254 10.0 6.0 9.0

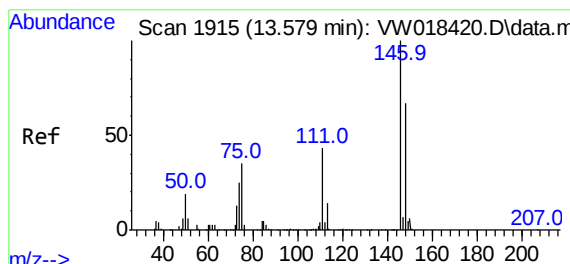
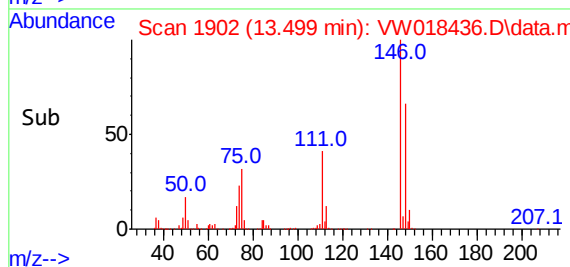
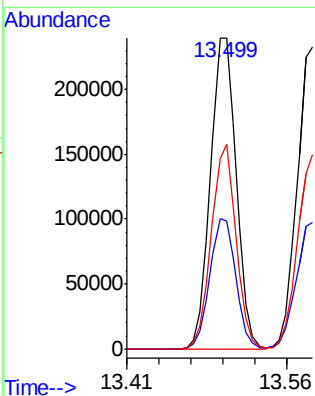
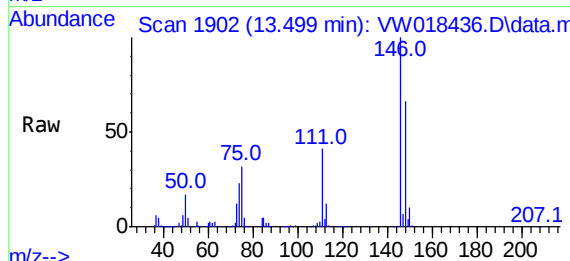




#63  
1,3-Dichlorobenzene  
Concen: 27.73 ug/L  
RT: 13.499 min Scan# 1902  
Delta R.T. 0.006 min  
Lab File: VW018436.D  
Acq: 24 Mar 2021 10:05

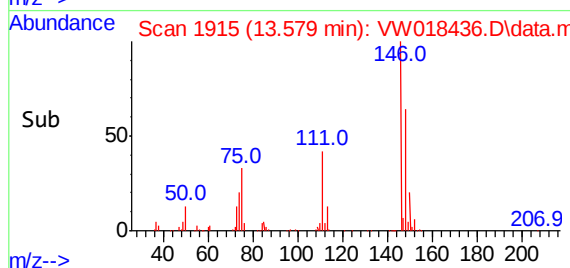
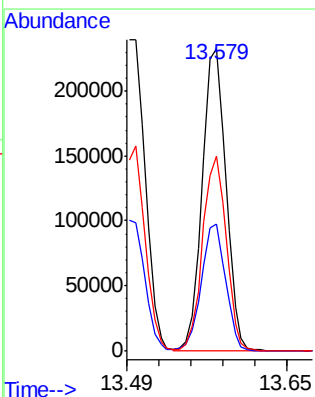
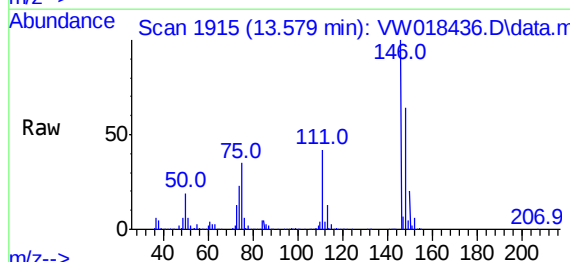
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTD02512

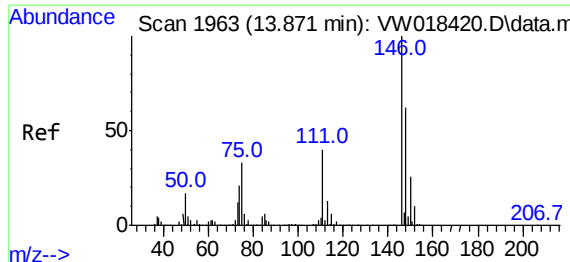
Tgt Ion:146 Resp: 394019  
Ion Ratio Lower Upper  
146 100  
111 40.9 27.5 51.1  
148 65.9 43.0 80.0



#64  
1,4-Dichlorobenzene  
Concen: 26.25 ug/L  
RT: 13.579 min Scan# 1915  
Delta R.T. 0.000 min  
Lab File: VW018436.D  
Acq: 24 Mar 2021 10:05

Tgt Ion:146 Resp: 376409  
Ion Ratio Lower Upper  
146 100  
111 41.6 28.3 52.5  
148 64.4 47.3 87.9

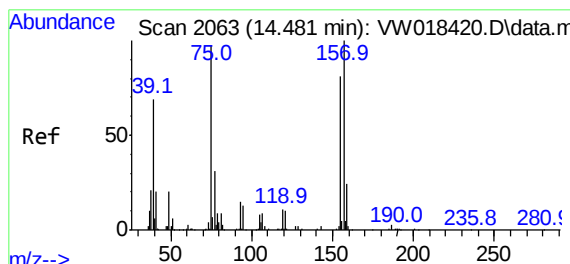
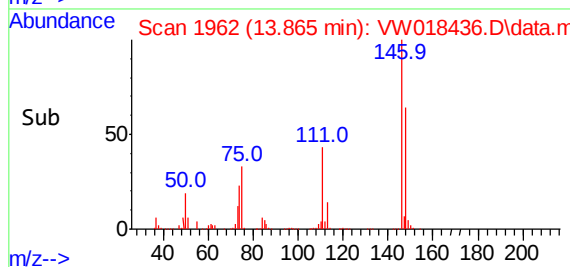
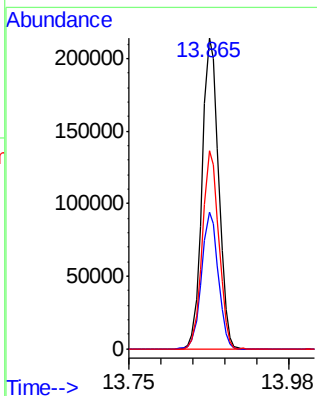
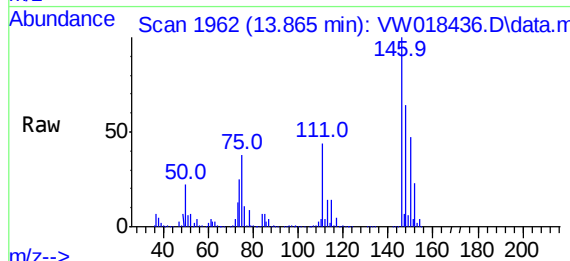




#65  
1,2-Dichlorobenzene  
Concen: 27.61 ug/L  
RT: 13.865 min Scan# 1962  
Delta R.T. -0.006 min  
Lab File: VW018436.D  
Acq: 24 Mar 2021 10:05

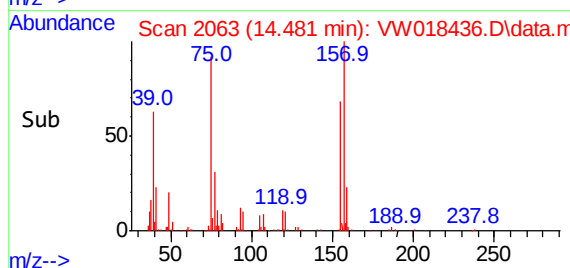
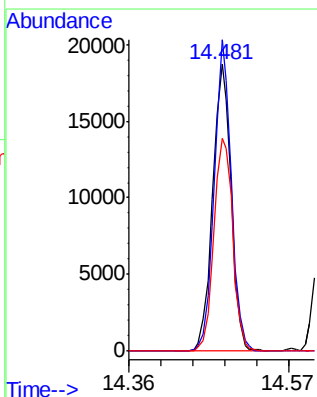
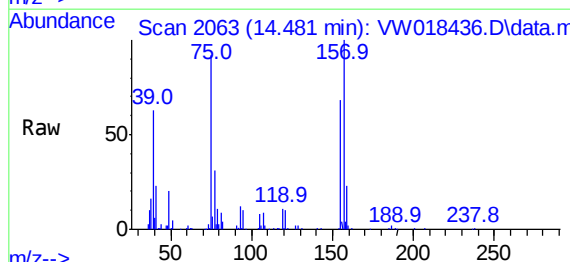
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTD02512

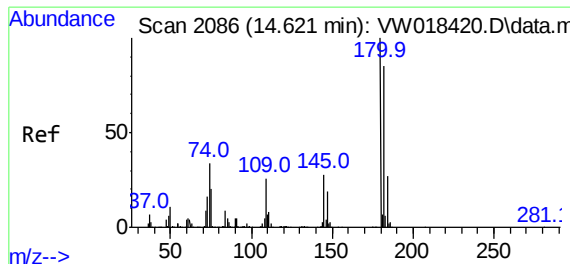
Tgt Ion:146 Resp: 350587  
Ion Ratio Lower Upper  
146 100  
111 43.8 36.0 54.0  
148 63.8 50.2 75.4



#66  
1,2-Dibromo-3-chloropropane  
Concen: 27.20 ug/L  
RT: 14.481 min Scan# 2063  
Delta R.T. 0.000 min  
Lab File: VW018436.D  
Acq: 24 Mar 2021 10:05

Tgt Ion: 75 Resp: 31214  
Ion Ratio Lower Upper  
75 100  
157 108.3 65.2 97.8#  
155 73.9 60.1 90.1

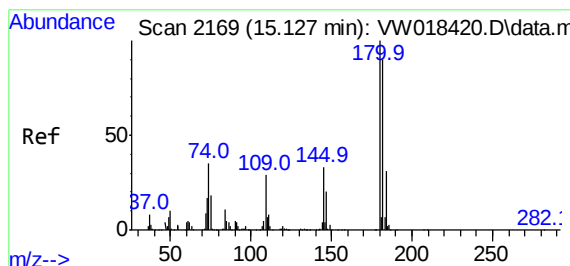
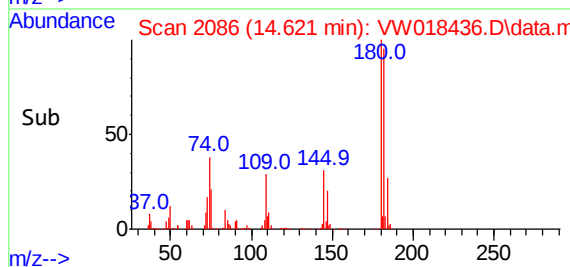
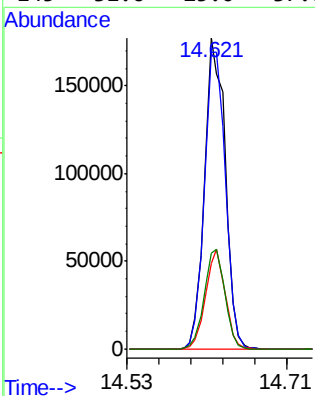
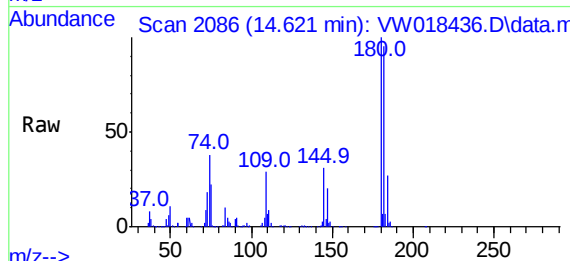




#67  
1,3,5-Trichlorobenzene  
Concen: 27.82 ug/L  
RT: 14.621 min Scan# 2086  
Delta R.T. 0.000 min  
Lab File: VW018436.D  
Acq: 24 Mar 2021 10:05

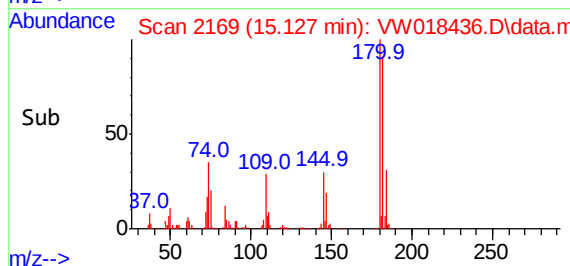
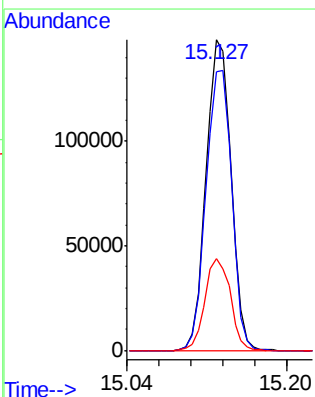
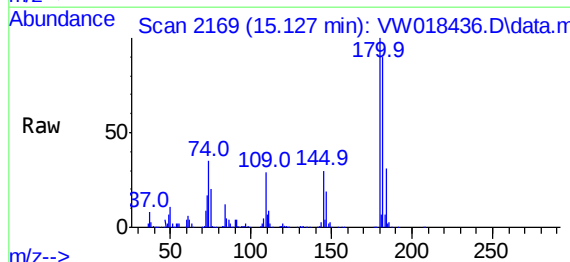
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTD02512

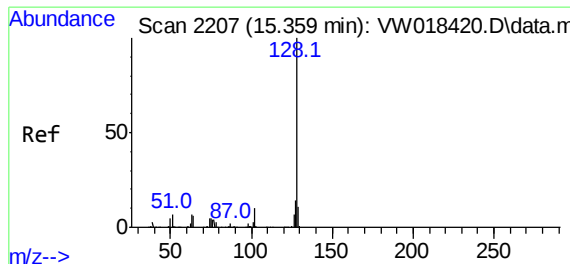
Tgt Ion:180 Resp: 285045  
Ion Ratio Lower Upper  
180 100  
182 97.1 71.8 107.8  
184 30.0 23.5 35.3  
145 31.6 25.0 37.6



#68  
1,2,4-trichlorobenzene  
Concen: 28.87 ug/L  
RT: 15.127 min Scan# 2169  
Delta R.T. 0.000 min  
Lab File: VW018436.D  
Acq: 24 Mar 2021 10:05

Tgt Ion:180 Resp: 251748  
Ion Ratio Lower Upper  
180 100  
182 92.9 70.2 105.4  
145 30.1 24.9 37.3

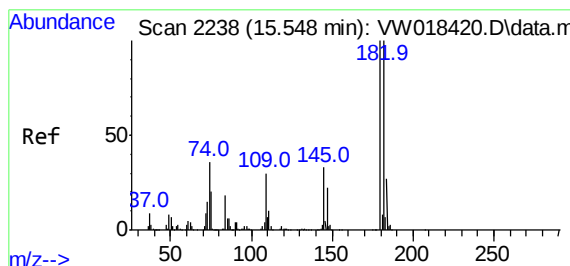
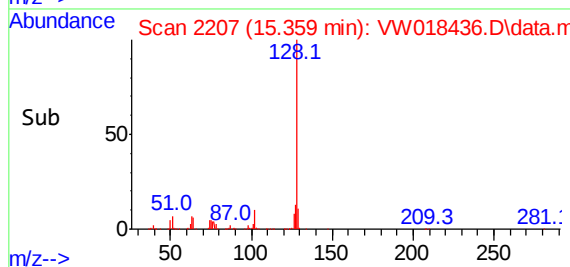
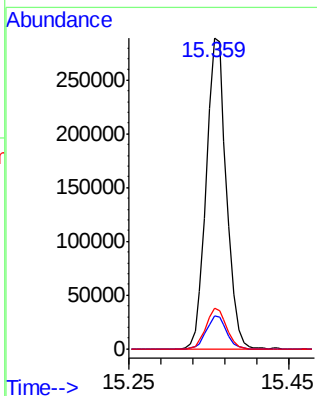
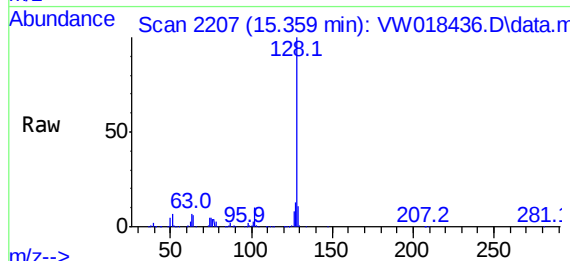




#69  
Naphthalene  
Concen: 27.81 ug/L  
RT: 15.359 min Scan# 2207  
Delta R.T. 0.000 min  
Lab File: VW018436.D  
Acq: 24 Mar 2021 10:05

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTD02512

Tgt Ion:128 Resp: 504939  
Ion Ratio Lower Upper  
128 100  
129 10.5 9.1 13.7  
127 13.2 10.7 16.1



#70  
1,2,3-Trichlorobenzene  
Concen: 27.63 ug/L  
RT: 15.548 min Scan# 2238  
Delta R.T. 0.000 min  
Lab File: VW018436.D  
Acq: 24 Mar 2021 10:05

Tgt Ion:180 Resp: 210192  
Ion Ratio Lower Upper  
180 100  
182 96.3 76.5 114.7  
145 34.1 27.7 41.5

