

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW042921\  
 Data File : VW018839.D  
 Acq On : 29 Apr 2021 11:33  
 Operator : SY/VA  
 Sample : VSTD10001  
 Misc : 5.00G/10ML/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Apr 29 11:56:25 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM042921SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Thu Apr 29 11:46:32 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Difluorobenzene        | 8.842  | 114  | 597851   | 25.00  | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 11.634 | 117  | 553130   | 25.00  | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.560 | 152  | 277079   | 25.00  | ug/L  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 4) Vinyl Chloride-d3          | 2.361  | 65   | 778215   | 116.62 | ug/L  | 0.00     |
| 7) Chloroethane-d5            | 2.891  | 69   | 634441   | 125.25 | ug/L  | 0.00     |
| 11) 1,1-Dichloroethene-d2     | 4.025  | 63   | 1515096  | 113.44 | ug/L  | 0.00     |
| 21) 2-Butanone-d5             | 7.080  | 46   | 424306   | 246.83 | ug/L  | 0.00     |
| 24) Chloroform-d              | 7.653  | 84   | 1585871  | 115.96 | ug/L  | 0.00     |
| 26) 1,2-Dichloroethane-d4     | 8.305  | 65   | 868905   | 112.73 | ug/L  | 0.00     |
| 32) Benzene-d6                | 8.275  | 84   | 3027772  | 109.16 | ug/L  | 0.00     |
| 36) 1,2-Dichloropropane-d6    | 9.274  | 67   | 908850   | 110.81 | ug/L  | 0.00     |
| 41) Toluene-d8                | 10.323 | 98   | 2889259  | 113.12 | ug/L  | 0.00     |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79   | 463631   | 131.31 | ug/L  | 0.00     |
| 47) 2-Hexanone-d5             | 10.927 | 63   | 372651   | 268.55 | ug/L  | 0.00     |
| 56) 1,1,2,2-Tetrachloroeth... | 12.695 | 84   | 812996   | 119.80 | ug/L  | 0.00     |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152  | 942765   | 115.08 | ug/L  | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
| 2) Dichlorodifluoromethane    | 2.014  | 85   | 606842   | 124.25 | ug/L  | 98       |
| 3) Chloromethane              | 2.221  | 50   | 581379   | 128.69 | ug/L  | 99       |
| 5) Vinyl chloride             | 2.373  | 62   | 853908   | 111.50 | ug/L  | 99       |
| 6) Bromomethane               | 2.788  | 94   | 601594   | 113.14 | ug/L  | 100      |
| 8) Chloroethane               | 2.928  | 64   | 531891   | 117.31 | ug/L  | 99       |
| 9) Trichlorofluoromethane     | 3.263  | 101  | 721591   | 125.83 | ug/L  | 100      |
| 10) 1,1,2-Trichloro-1,2,2-... | 4.068  | 101  | 770796   | 113.47 | ug/L  | 97       |
| 12) 1,1-Dichloroethene        | 4.044  | 96   | 769621   | 112.40 | ug/L  | 90       |
| 13) Acetone                   | 4.135  | 43   | 272676   | 190.87 | ug/L  | 89       |
| 14) Carbon disulfide          | 4.391  | 76   | 2382071  | 120.49 | ug/L  | 99       |
| 15) Methyl Acetate            | 4.672  | 43   | 330423   | 122.10 | ug/L  | 93       |
| 16) Methylene chloride        | 4.922  | 84   | 784462   | 82.93  | ug/L  | 93       |
| 17) trans-1,2-Dichloroethene  | 5.428  | 96   | 819048   | 111.75 | ug/L  | 96       |
| 18) Methyl tert-butyl Ether   | 5.428  | 73   | 1113123  | 109.09 | ug/L  | 97       |
| 19) 1,1-Dichloroethane        | 6.220  | 63   | 1408746  | 111.69 | ug/L  | 99       |
| 20) cis-1,2-Dichloroethene    | 7.171  | 96   | 879138   | 114.37 | ug/L  | 99       |
| 22) 2-Butanone                | 7.177  | 43   | 432213   | 230.53 | ug/L  | 94       |
| 23) Bromochloromethane        | 7.513  | 128  | 392870   | 116.76 | ug/L  | 93       |
| 25) Chloroform                | 7.677  | 83   | 1473109  | 111.47 | ug/L  | 99       |
| 27) 1,2-Dichloroethane        | 8.403  | 62   | 1002022  | 111.13 | ug/L  | 98       |
| 29) Cyclohexane               | 7.958  | 56   | 1275608  | 107.77 | ug/L  | 97       |
| 30) 1,1,1-Trichloroethane     | 7.878  | 97   | 1190172  | 109.22 | ug/L  | 99       |
| 31) Carbon tetrachloride      | 8.073  | 117  | 1107926  | 112.65 | ug/L  | 97       |
| 33) Benzene                   | 8.329  | 78   | 3119629  | 104.36 | ug/L  | 100      |
| 34) Trichloroethene           | 9.091  | 95   | 857714   | 109.21 | ug/L  | 96       |
| 35) Methylcyclohexane         | 9.335  | 83   | 1513132  | 109.84 | ug/L  | 97       |
| 37) 1,2-Dichloropropane       | 9.372  | 63   | 765251   | 107.13 | ug/L  | 99       |
| 38) Bromodichloromethane      | 9.646  | 83   | 1098896  | 120.48 | ug/L  | 96       |
| 39) cis-1,3-Dichloropropene   | 10.073 | 75   | 1323868  | 120.54 | ug/L  | 98       |
| 40) 4-Methyl-2-pentanone      | 10.213 | 43   | 992353   | 226.02 | ug/L  | 93       |
| 42) Toluene                   | 10.390 | 91   | 3503287  | 107.95 | ug/L  | 97       |
| 44) trans-1,3-Dichloropropene | 10.610 | 75   | 1203706  | 127.06 | ug/L  | 99       |

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 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Apr 29 11:56:25 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM042921SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Thu Apr 29 11:46:32 2021  
 Response via : Initial Calibration

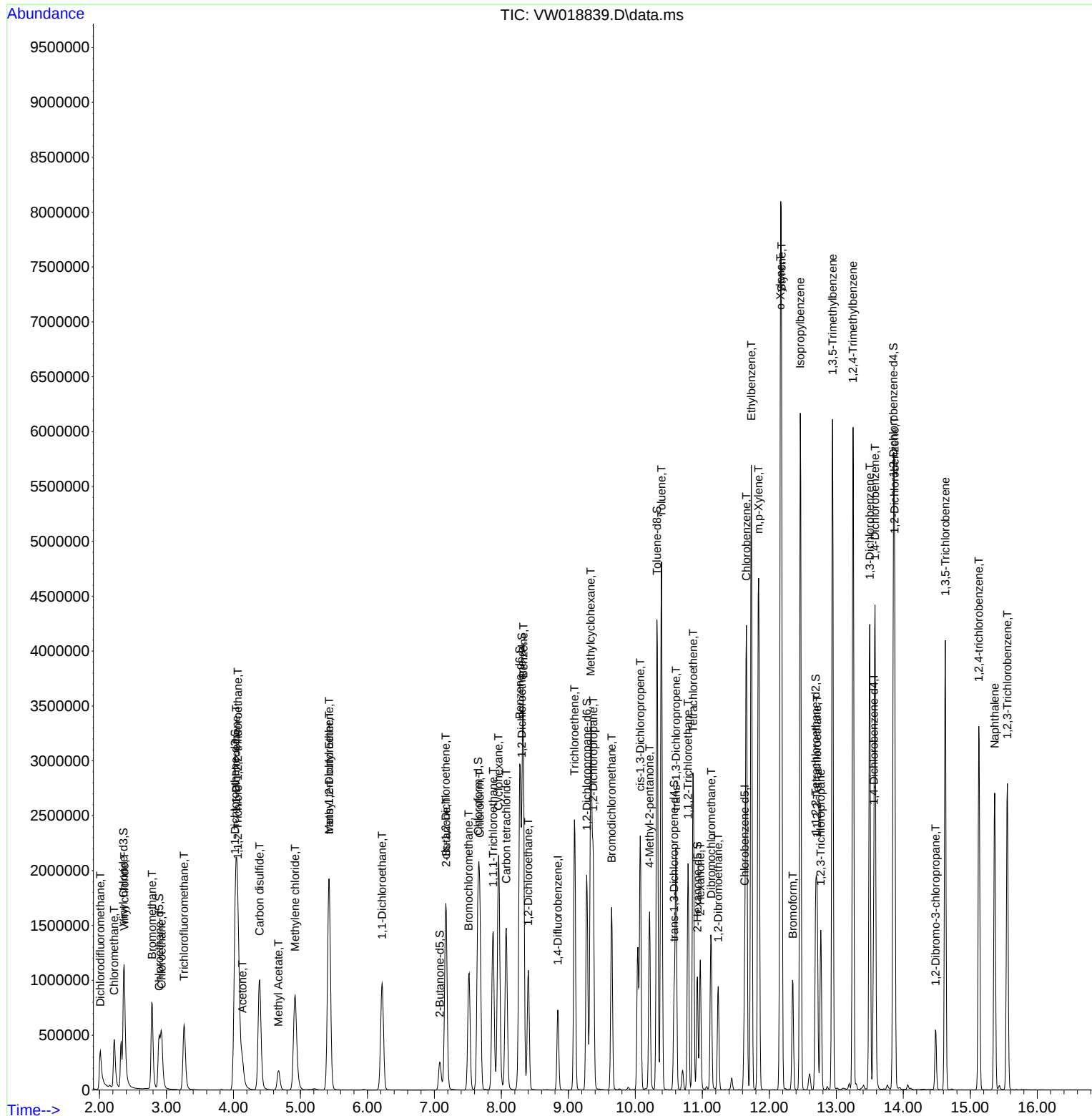
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 45) 1,1,2-Trichloroethane     | 10.786 | 97   | 630060   | 112.46 | ug/L  | 98       |
| 46) Tetrachloroethene         | 10.866 | 164  | 652978   | 110.22 | ug/L  | 98       |
| 48) 2-Hexanone                | 10.969 | 43   | 694228   | 249.74 | ug/L  | 93       |
| 49) Dibromochloromethane      | 11.134 | 129  | 736123   | 125.31 | ug/L  | 95       |
| 50) 1,2-Dibromoethane         | 11.237 | 107  | 624588   | 116.46 | ug/L  | 97       |
| 51) Chlorobenzene             | 11.658 | 112  | 2159378  | 108.98 | ug/L  | 97       |
| 52) Ethylbenzene              | 11.731 | 91   | 3977606  | 111.70 | ug/L  | 94       |
| 53) m,p-Xylene                | 11.841 | 106  | 1497937  | 113.28 | ug/L  | 98       |
| 54) o-Xylene                  | 12.164 | 106  | 1453916  | 116.77 | ug/L  | 100      |
| 55) Styrene                   | 12.182 | 104  | 2496817  | 120.60 | ug/L  | 96       |
| 57) 1,1,2,2-Tetrachloroethane | 12.713 | 83   | 774495   | 115.10 | ug/L  | 95       |
| 59) Bromoform                 | 12.353 | 173  | 446866   | 142.98 | ug/L  | 98       |
| 60) Isopropylbenzene          | 12.463 | 105  | 3914570  | 112.84 | ug/L  | 100      |
| 61) 1,2,3-Trichloropropane    | 12.768 | 75   | 575544   | 110.80 | ug/L  | 98       |
| 62) 1,3,5-Trimethylbenzene    | 12.944 | 105  | 3291161  | 114.35 | ug/L  | 98       |
| 63) 1,2,4-Trimethylbenzene    | 13.249 | 105  | 3348391  | 116.70 | ug/L  | 99       |
| 64) 1,3-Dichlorobenzene       | 13.499 | 146  | 1600008  | 108.31 | ug/L  | 90       |
| 65) 1,4-Dichlorobenzene       | 13.579 | 146  | 1629738  | 109.47 | ug/L  | 97       |
| 67) 1,2-Dichlorobenzene       | 13.871 | 146  | 1477813  | 111.69 | ug/L  | 97       |
| 68) 1,2-Dibromo-3-chloropr... | 14.481 | 75   | 139297   | 132.71 | ug/L  | 94       |
| 69) 1,3,5-Trichlorobenzene    | 14.627 | 180  | 1192788  | 112.71 | ug/L  | 97       |
| 70) 1,2,4-trichlorobenzene    | 15.127 | 180  | 1005657  | 114.78 | ug/L  | 98       |
| 71) Naphthalene               | 15.365 | 128  | 2229839  | 124.51 | ug/L  | 100      |
| 72) 1,2,3-Trichlorobenzene    | 15.554 | 180  | 913228   | 120.52 | ug/L  | 98       |

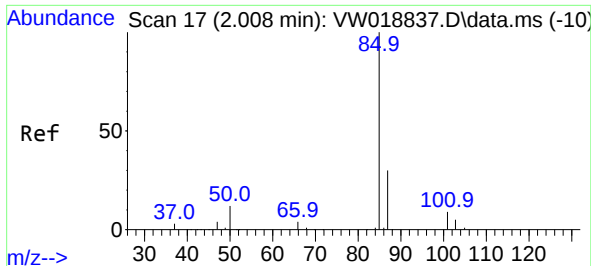
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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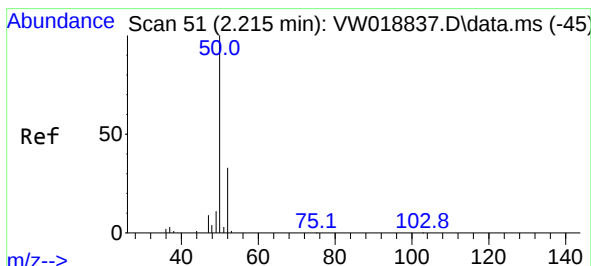
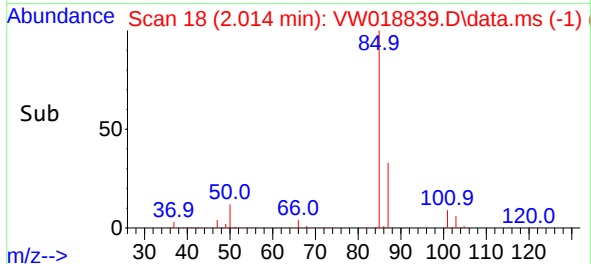
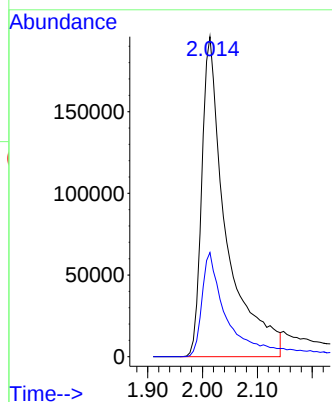
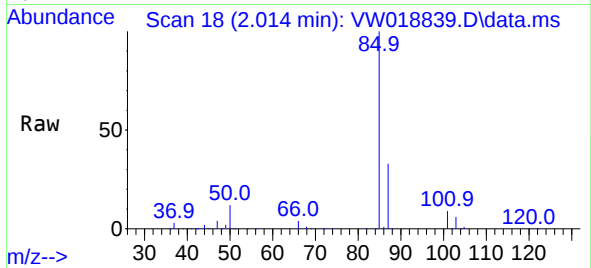




#2  
Dichlorodifluoromethane  
Concen: 124.25 ug/L  
RT: 2.014 min Scan# 18  
Delta R.T. 0.006 min  
Lab File: VW018839.D  
Acq: 29 Apr 2021 11:33

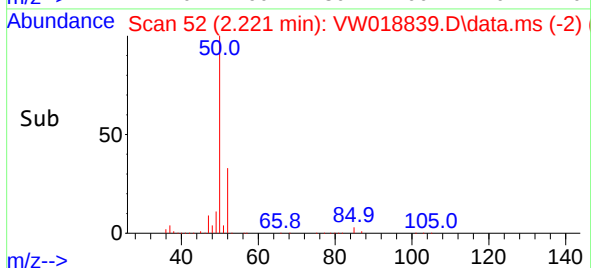
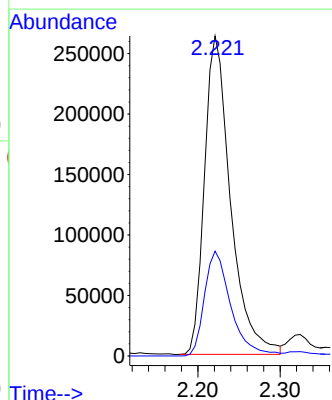
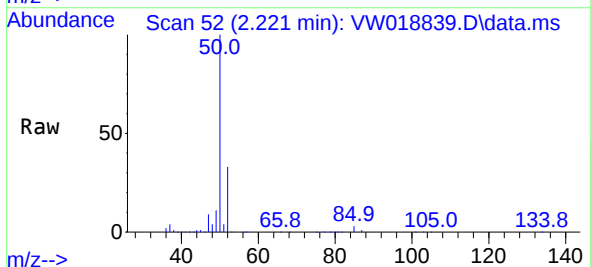
Instrument :  
MSVOA\_W  
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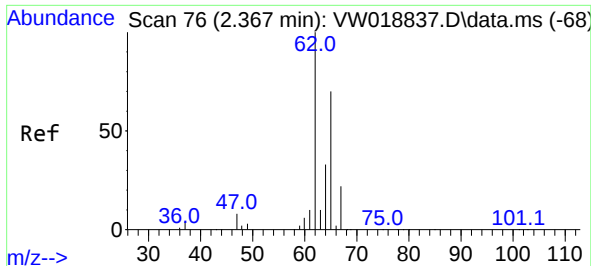
Tgt Ion: 85 Resp: 606842  
Ion Ratio Lower Upper  
85 100  
87 30.3 23.3 34.9



#3  
Chloromethane  
Concen: 128.69 ug/L  
RT: 2.221 min Scan# 52  
Delta R.T. 0.006 min  
Lab File: VW018839.D  
Acq: 29 Apr 2021 11:33

Tgt Ion: 50 Resp: 581379  
Ion Ratio Lower Upper  
50 100  
52 32.7 22.5 41.9

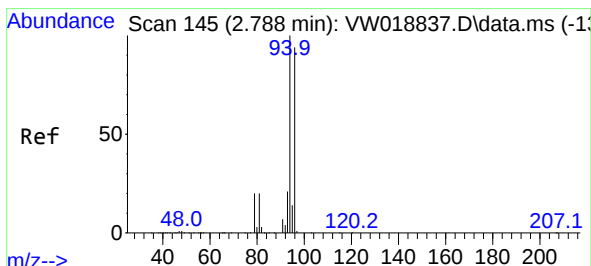
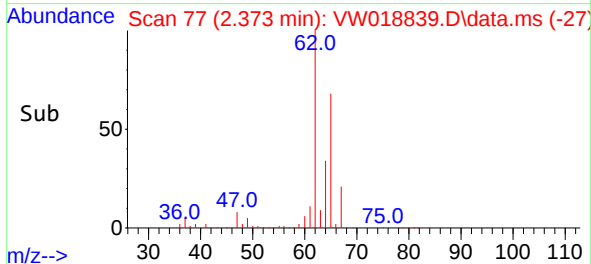
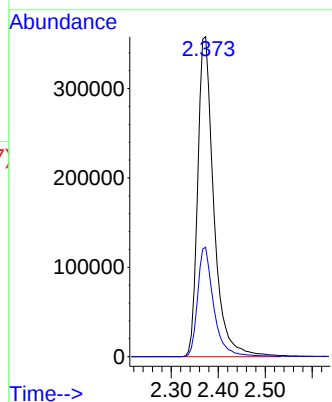
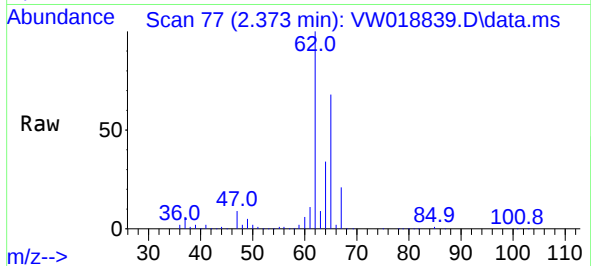




#5  
Vinyl chloride  
Concen: 111.50 ug/L  
RT: 2.373 min Scan# 77  
Delta R.T. 0.006 min  
Lab File: VW018839.D  
Acq: 29 Apr 2021 11:33

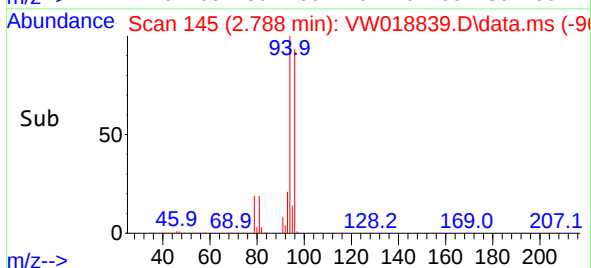
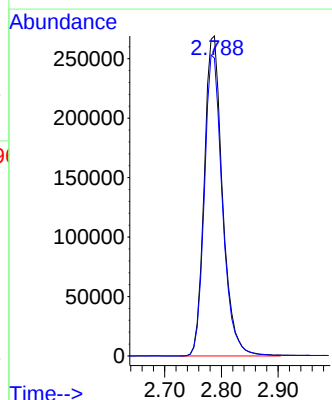
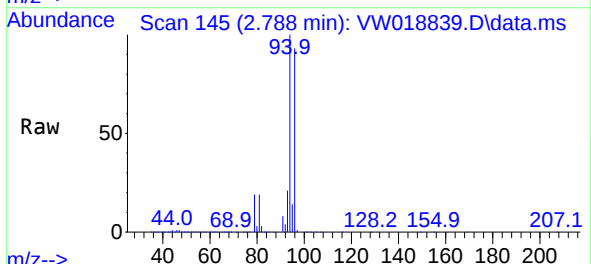
Instrument :  
MSVOA\_W  
ClientSampled :

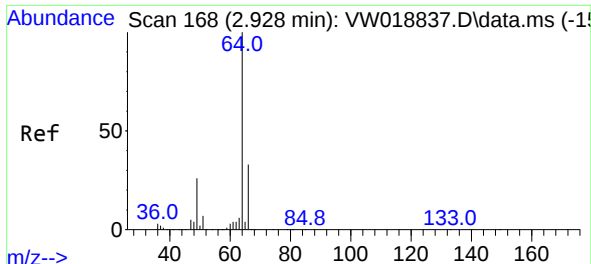
Tgt Ion: 62 Resp: 853908  
Ion Ratio Lower Upper  
62 100  
64 34.2 24.2 45.0



#6  
Bromomethane  
Concen: 113.14 ug/L  
RT: 2.788 min Scan# 145  
Delta R.T. -0.000 min  
Lab File: VW018839.D  
Acq: 29 Apr 2021 11:33

Tgt Ion: 94 Resp: 601594  
Ion Ratio Lower Upper  
94 100  
96 93.1 65.3 121.3

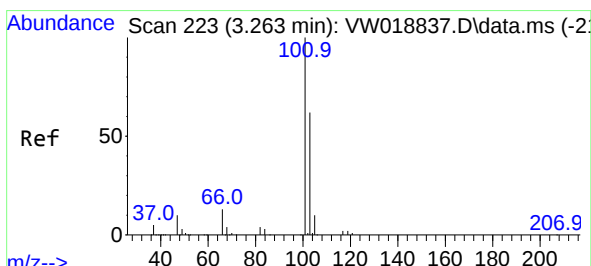
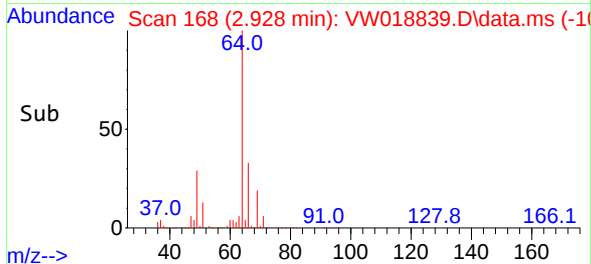
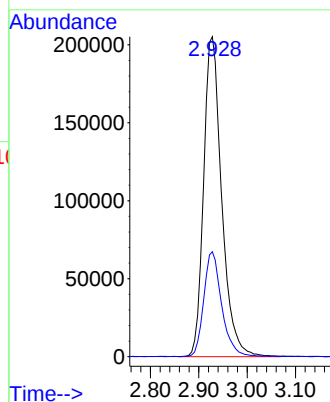
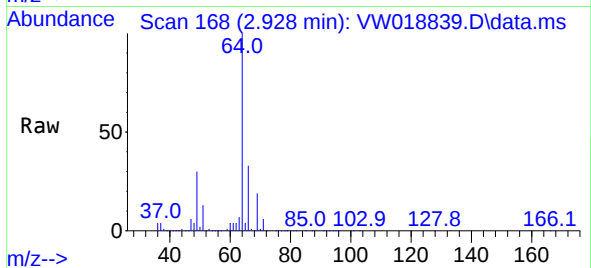




#8  
Chloroethane  
Concen: 117.31 ug/L  
RT: 2.928 min Scan# 168  
Delta R.T. -0.000 min  
Lab File: VW018839.D  
Acq: 29 Apr 2021 11:33

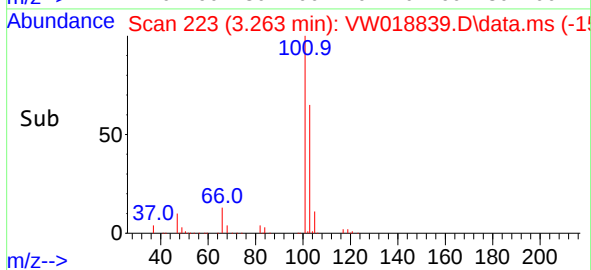
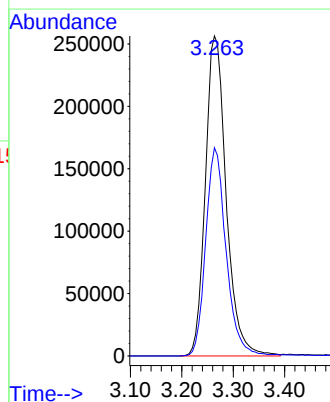
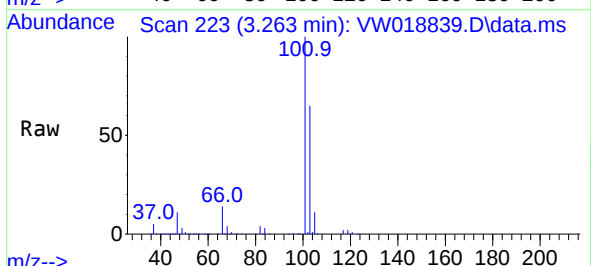
Instrument :  
MSVOA\_W  
ClientSampled :

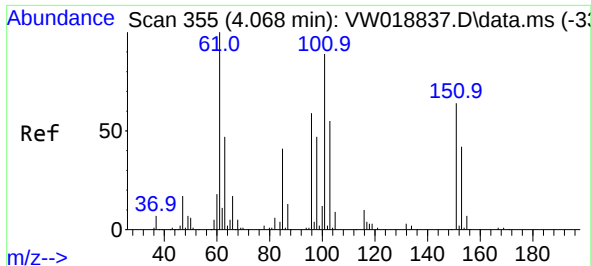
Tgt Ion: 64 Resp: 531891  
Ion Ratio Lower Upper  
64 100  
66 32.8 23.4 43.6



#9  
Trichlorofluoromethane  
Concen: 125.83 ug/L  
RT: 3.263 min Scan# 223  
Delta R.T. -0.000 min  
Lab File: VW018839.D  
Acq: 29 Apr 2021 11:33

Tgt Ion: 101 Resp: 721591  
Ion Ratio Lower Upper  
101 100  
103 63.7 51.0 76.4

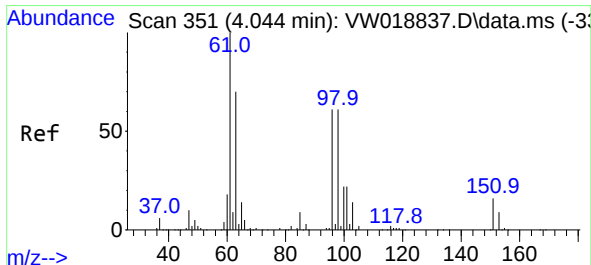
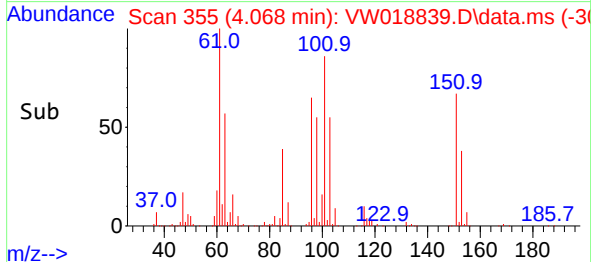
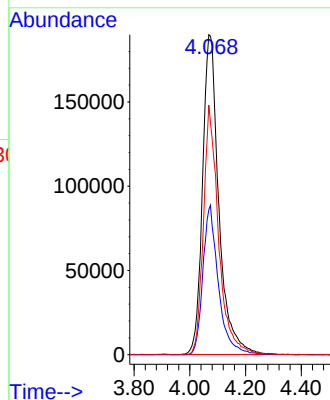
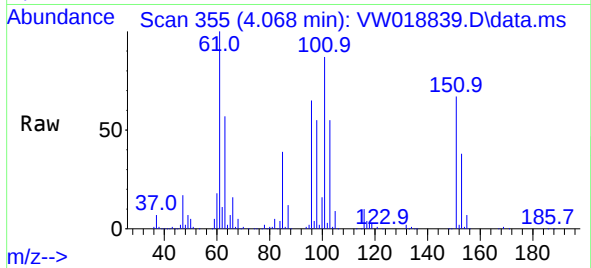




#10  
1,1,2-Trichloro-1,2,2-trifluoroethane  
Concen: 113.47 ug/L  
RT: 4.068 min Scan# 355  
Delta R.T. -0.000 min  
Lab File: VW018839.D  
Acq: 29 Apr 2021 11:33

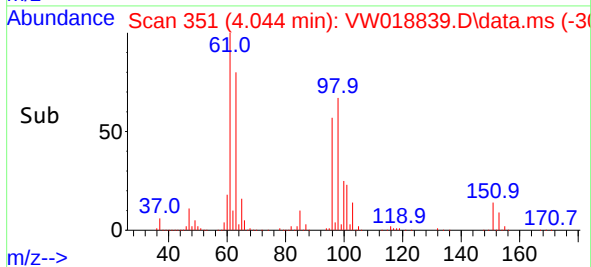
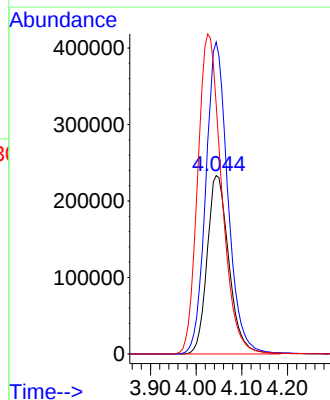
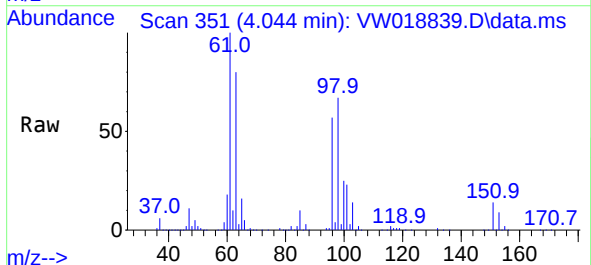
Instrument :  
MSVOA\_W  
ClientSampleId :

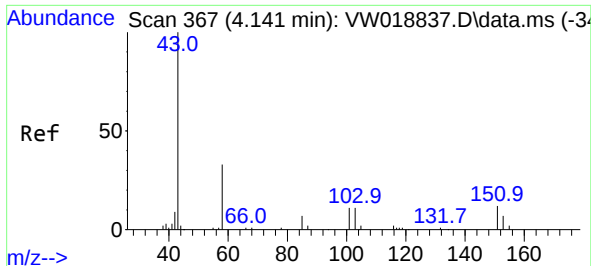
Tgt Ion:101 Resp: 770796  
Ion Ratio Lower Upper  
101 100  
85 44.5 38.2 57.2  
151 72.3 56.6 85.0



#12  
1,1-Dichloroethene  
Concen: 112.40 ug/L  
RT: 4.044 min Scan# 351  
Delta R.T. -0.000 min  
Lab File: VW018839.D  
Acq: 29 Apr 2021 11:33

Tgt Ion: 96 Resp: 769621  
Ion Ratio Lower Upper  
96 100  
61 174.7 118.1 219.3  
63 139.6 83.7 155.5

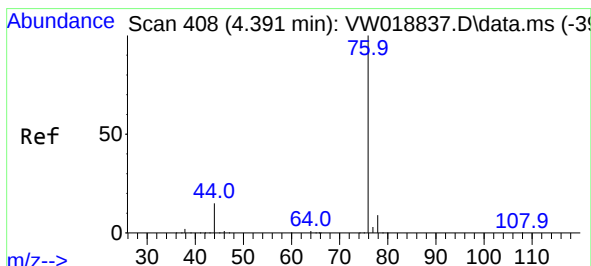
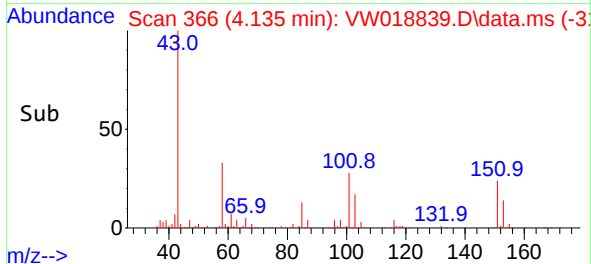
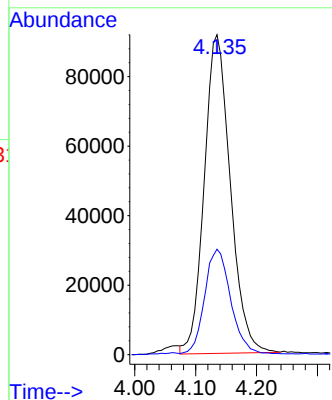
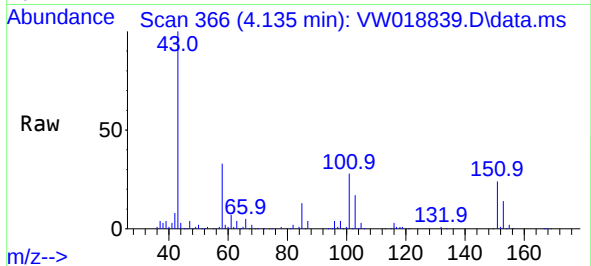




#13  
Acetone  
Concen: 190.87 ug/L  
RT: 4.135 min Scan# 366  
Delta R.T. -0.006 min  
Lab File: VW018839.D  
Acq: 29 Apr 2021 11:33

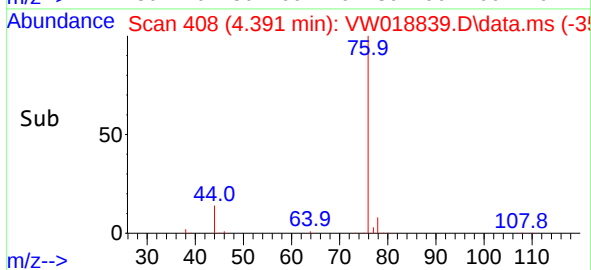
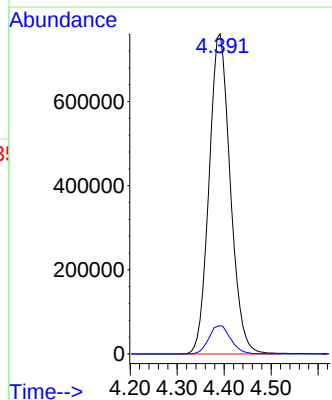
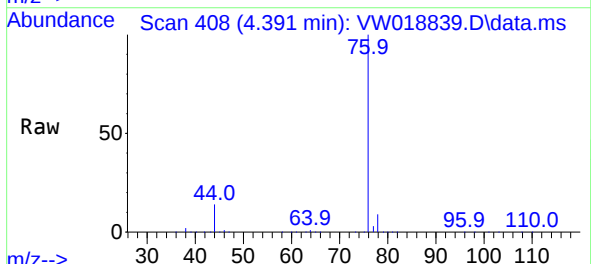
Instrument :  
MSVOA\_W  
ClientSampled :

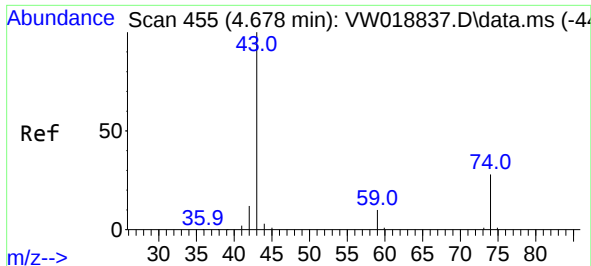
Tgt Ion: 43 Resp: 272676  
Ion Ratio Lower Upper  
43 100  
58 32.4 0.0 53.8



#14  
Carbon disulfide  
Concen: 120.49 ug/L  
RT: 4.391 min Scan# 408  
Delta R.T. -0.000 min  
Lab File: VW018839.D  
Acq: 29 Apr 2021 11:33

Tgt Ion: 76 Resp: 2382071  
Ion Ratio Lower Upper  
76 100  
78 8.8 7.4 11.0

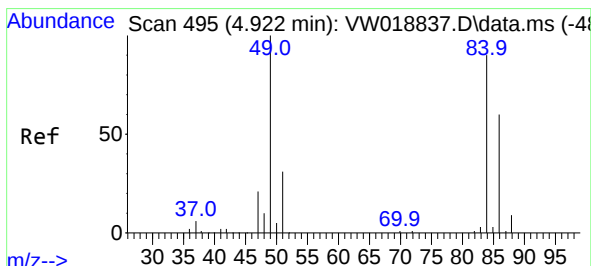
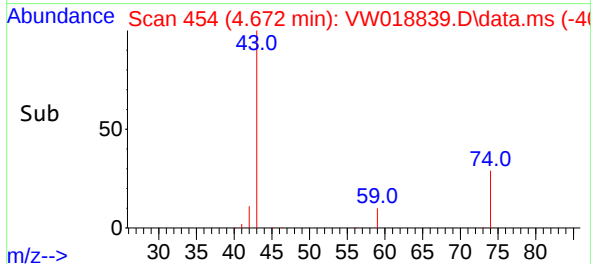
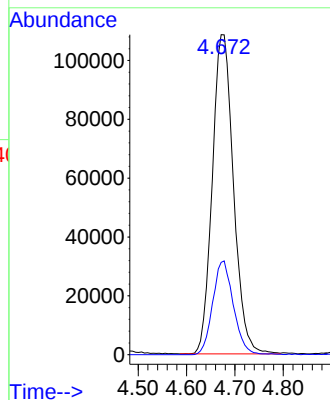
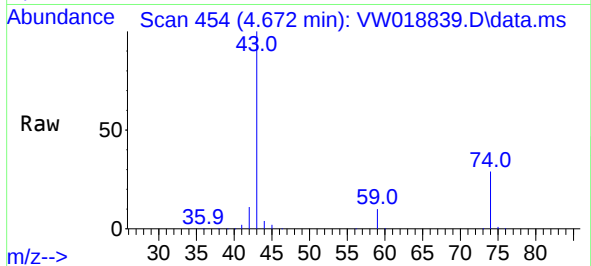




#15  
Methyl Acetate  
Concen: 122.10 ug/L  
RT: 4.672 min Scan# 454  
Delta R.T. -0.006 min  
Lab File: VW018839.D  
Acq: 29 Apr 2021 11:33

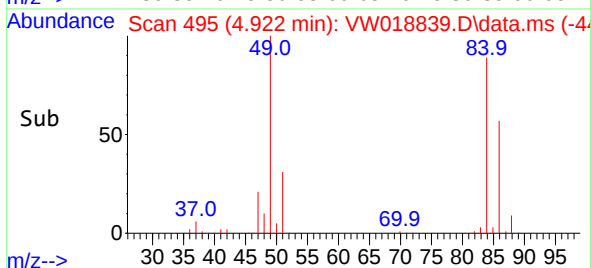
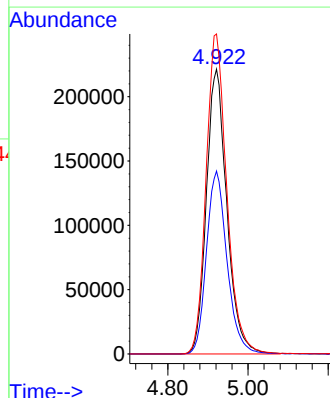
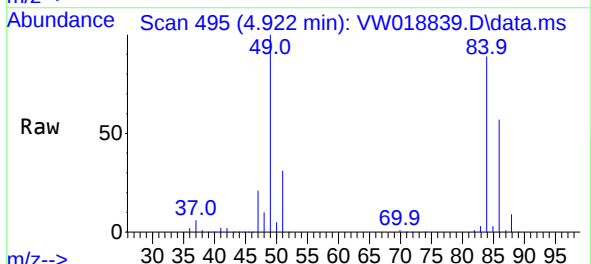
Instrument :  
MSVOA\_W  
ClientSampled :

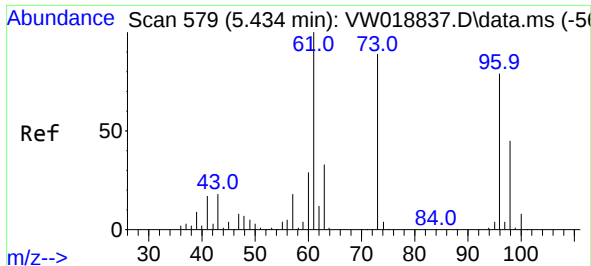
Tgt Ion: 43 Resp: 330423  
Ion Ratio Lower Upper  
43 100  
74 28.6 20.0 30.0



#16  
Methylene chloride  
Concen: 82.93 ug/L  
RT: 4.922 min Scan# 495  
Delta R.T. -0.000 min  
Lab File: VW018839.D  
Acq: 29 Apr 2021 11:33

Tgt Ion: 84 Resp: 784462  
Ion Ratio Lower Upper  
84 100  
86 64.2 45.3 84.1  
49 112.4 86.6 160.8

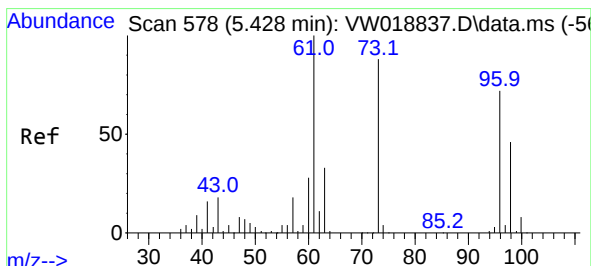
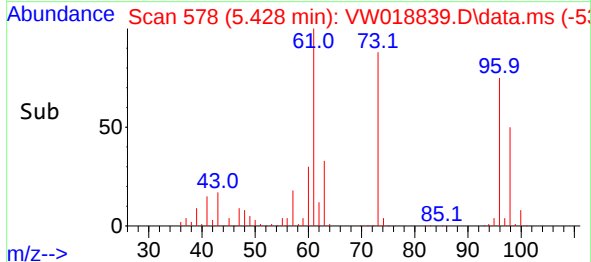
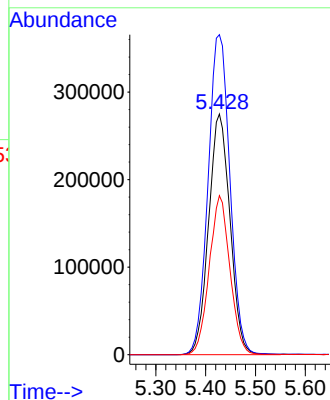
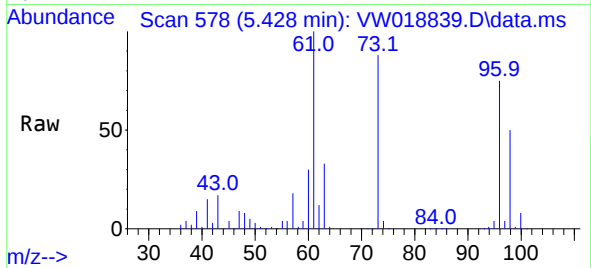




#17  
trans-1,2-Dichloroethene  
Concen: 111.75 ug/L  
RT: 5.428 min Scan# 578  
Delta R.T. -0.006 min  
Lab File: VW018839.D  
Acq: 29 Apr 2021 11:33

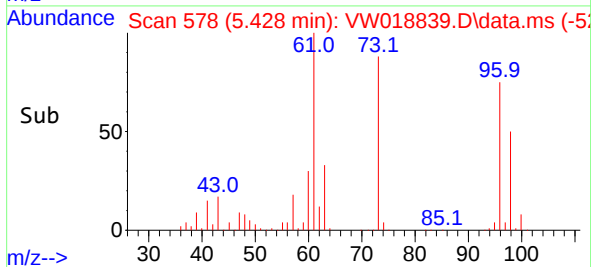
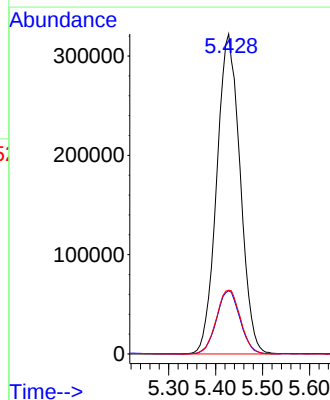
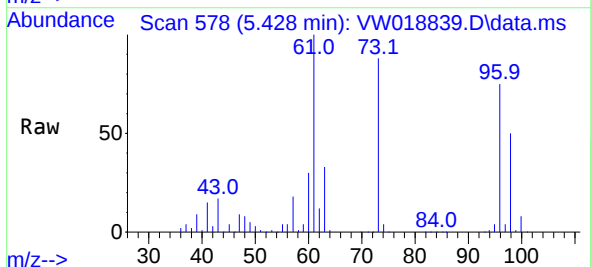
Instrument :  
MSVOA\_W  
ClientSampled :

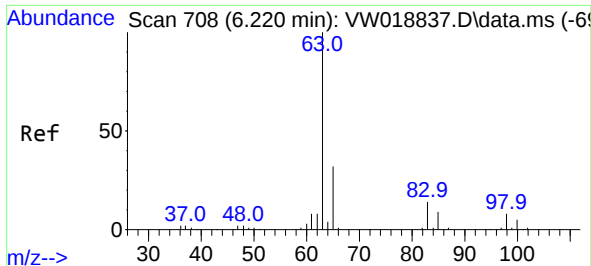
Tgt Ion: 96 Resp: 819048  
Ion Ratio Lower Upper  
96 100  
61 133.0 98.3 182.7  
98 66.1 46.1 85.7



#18  
Methyl tert-butyl Ether  
Concen: 109.09 ug/L  
RT: 5.428 min Scan# 578  
Delta R.T. -0.000 min  
Lab File: VW018839.D  
Acq: 29 Apr 2021 11:33

Tgt Ion: 73 Resp: 1113123  
Ion Ratio Lower Upper  
73 100  
43 19.8 17.7 26.5  
57 20.6 17.0 25.4



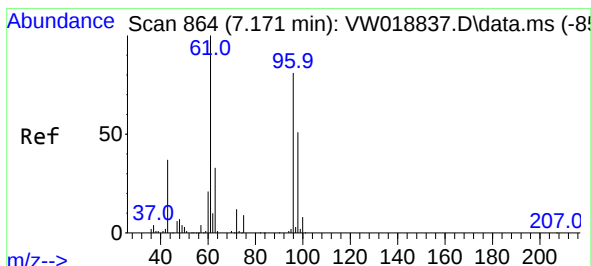
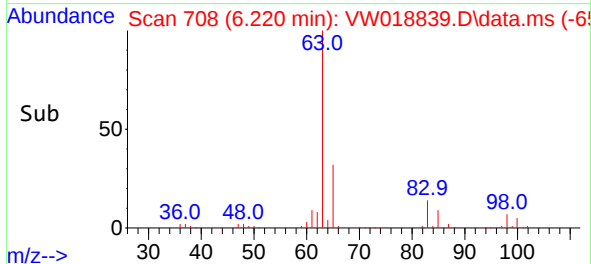
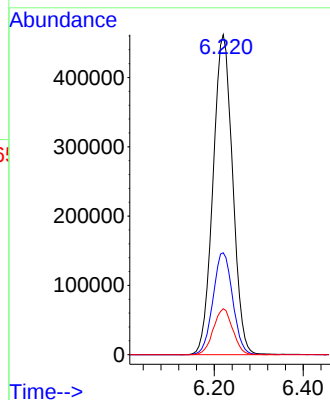
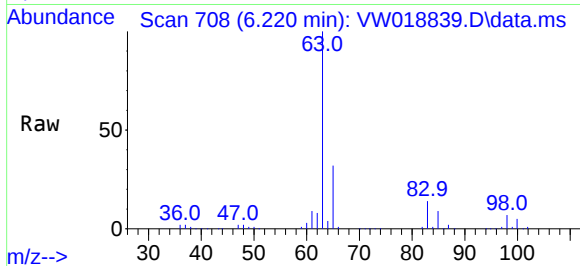


#19  
1,1-Dichloroethane  
Concen: 111.69 ug/L  
RT: 6.220 min Scan# 708  
Delta R.T. -0.000 min  
Lab File: VW018839.D  
Acq: 29 Apr 2021 11:33

Instrument :  
MSVOA\_W  
ClientSampled :

Tgt Ion: 63 Resp: 1408746

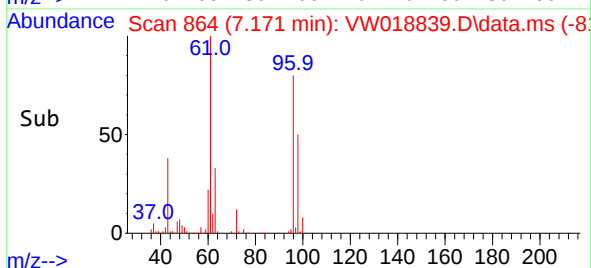
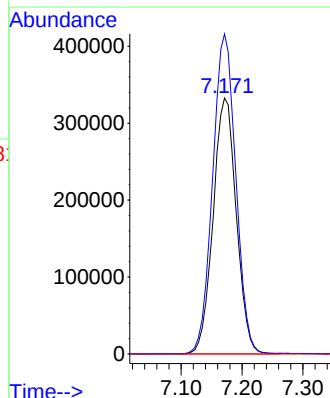
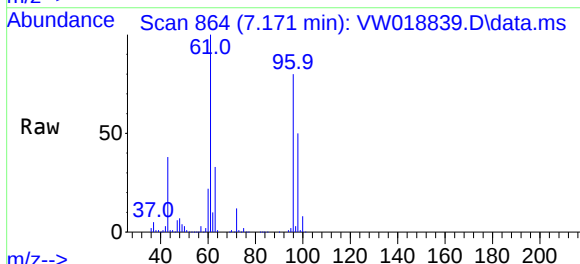
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 63  | 100   |       |       |
| 65  | 31.8  | 22.9  | 42.5  |
| 83  | 14.4  | 10.2  | 19.0  |

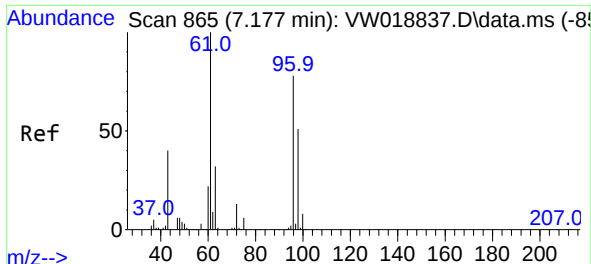


#20  
cis-1,2-Dichloroethene  
Concen: 114.37 ug/L  
RT: 7.171 min Scan# 864  
Delta R.T. -0.000 min  
Lab File: VW018839.D  
Acq: 29 Apr 2021 11:33

Tgt Ion: 96 Resp: 879138

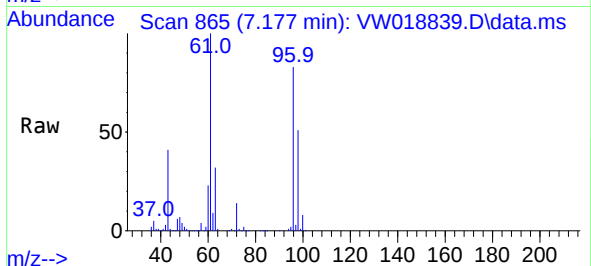
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 125.0 | 88.5  | 164.3 |
| 68  | 0.0   | 0.0   | 0.0   |



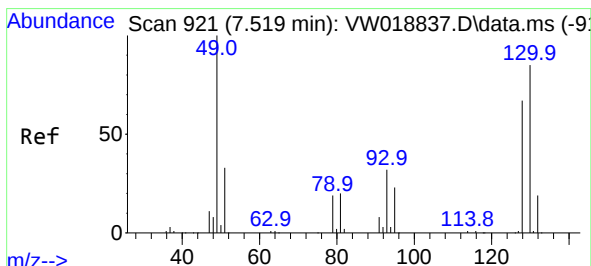
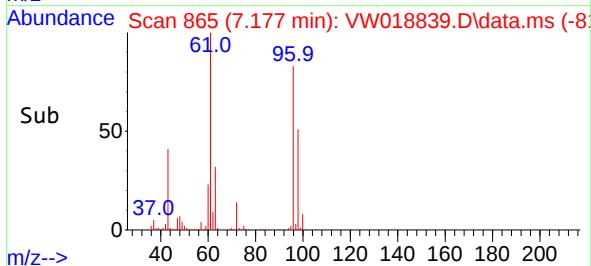
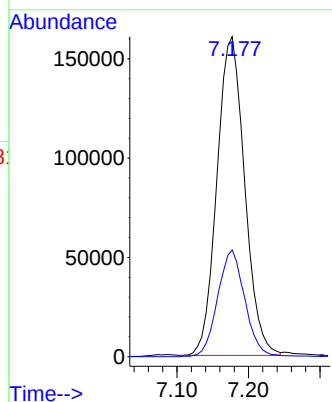


#22  
2-Butanone  
Concen: 230.53 ug/L  
RT: 7.177 min Scan# 865  
Delta R.T. -0.000 min  
Lab File: VW018839.D  
Acq: 29 Apr 2021 11:33

Instrument :  
MSVOA\_W  
ClientSampled :

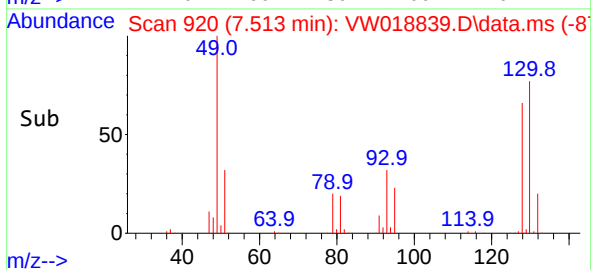
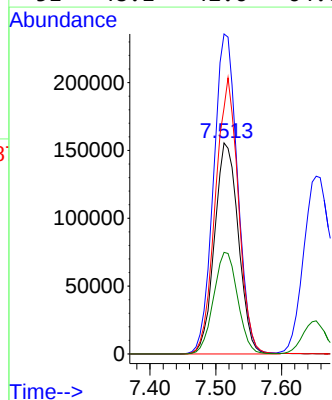
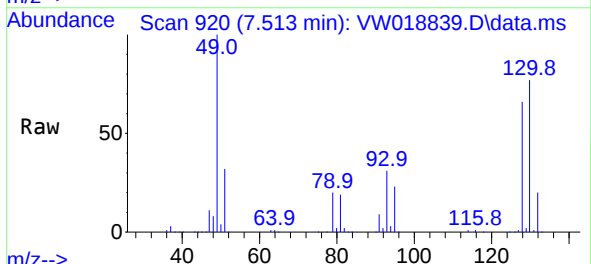


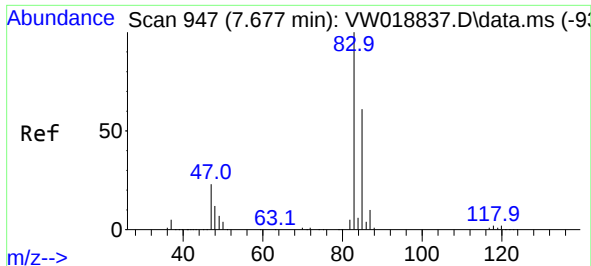
Tgt Ion: 43 Resp: 432213  
Ion Ratio Lower Upper  
43 100  
72 32.8 14.9 44.7



#23  
Bromochloromethane  
Concen: 116.76 ug/L  
RT: 7.513 min Scan# 920  
Delta R.T. -0.006 min  
Lab File: VW018839.D  
Acq: 29 Apr 2021 11:33

Tgt Ion:128 Resp: 392870  
Ion Ratio Lower Upper  
128 100  
49 151.6 116.3 215.9  
130 116.6 82.4 153.0  
51 48.1 42.6 64.0

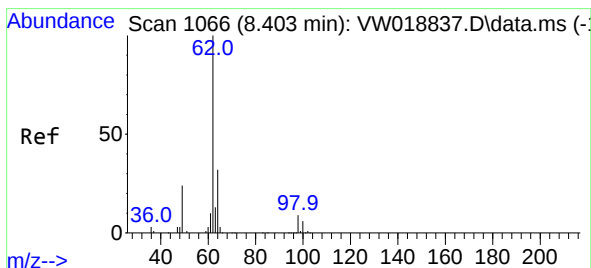
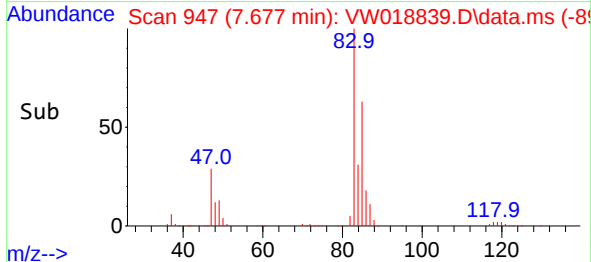
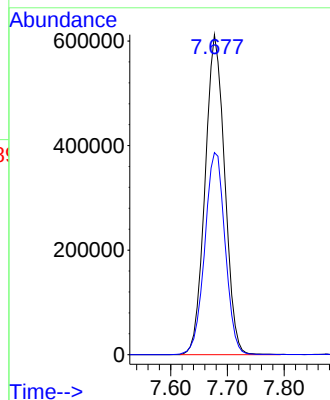
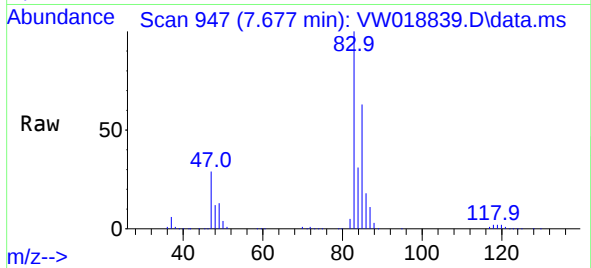




#25  
Chloroform  
Concen: 111.47 ug/L  
RT: 7.677 min Scan# 947  
Delta R.T. -0.000 min  
Lab File: VW018839.D  
Acq: 29 Apr 2021 11:33

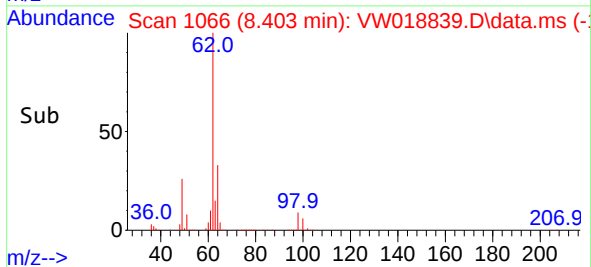
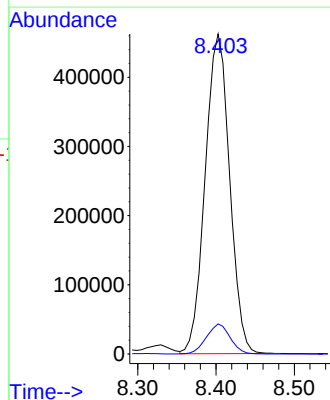
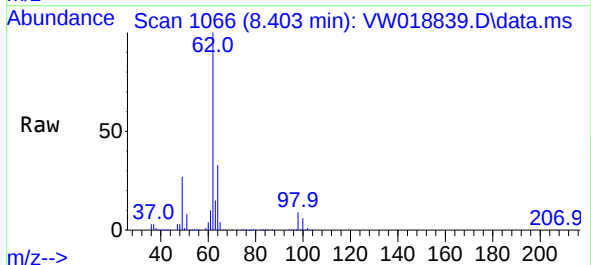
Instrument :  
MSVOA\_W  
ClientSampled :

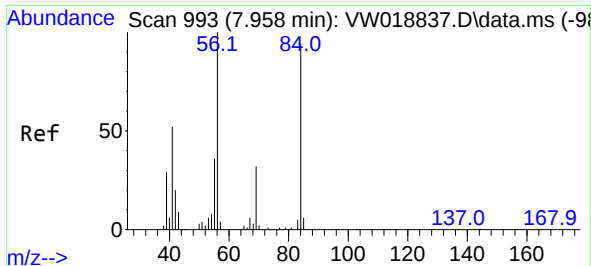
Tgt Ion: 83 Resp: 1473109  
Ion Ratio Lower Upper  
83 100  
85 63.2 44.6 82.8



#27  
1,2-Dichloroethane  
Concen: 111.13 ug/L  
RT: 8.403 min Scan# 1066  
Delta R.T. -0.000 min  
Lab File: VW018839.D  
Acq: 29 Apr 2021 11:33

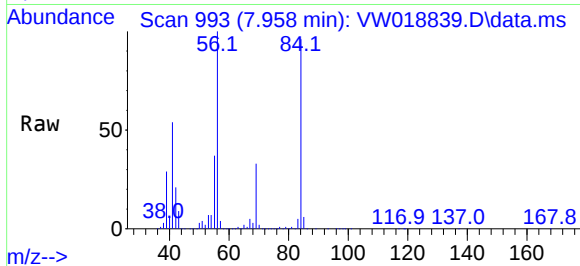
Tgt Ion: 62 Resp: 1002022  
Ion Ratio Lower Upper  
62 100  
98 9.4 6.9 10.3





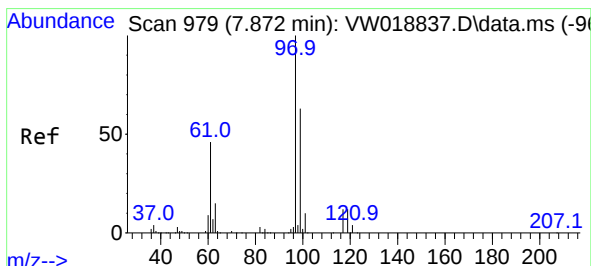
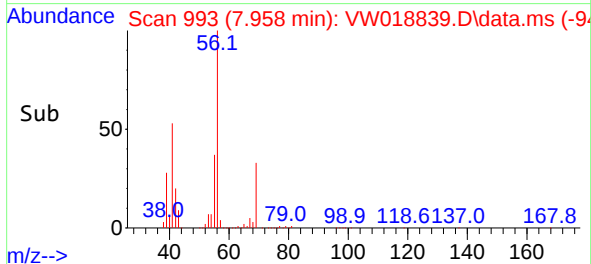
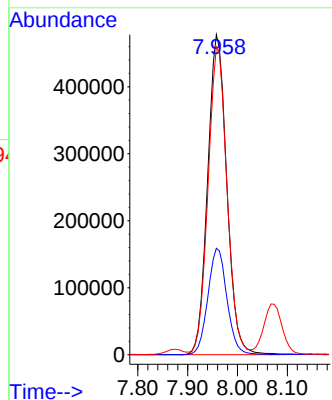
#29  
Cyclohexane  
Concen: 107.77 ug/L  
RT: 7.958 min Scan# 993  
Delta R.T. -0.000 min  
Lab File: VW018839.D  
Acq: 29 Apr 2021 11:33

Instrument :  
MSVOA\_W  
ClientSampled :



Tgt Ion: 56 Resp: 1275608

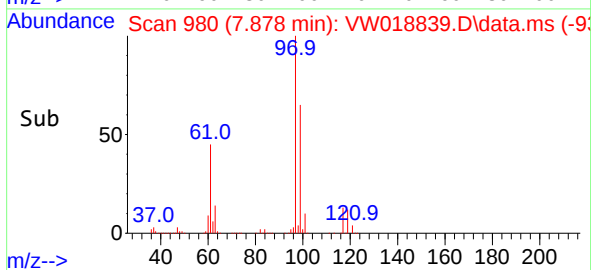
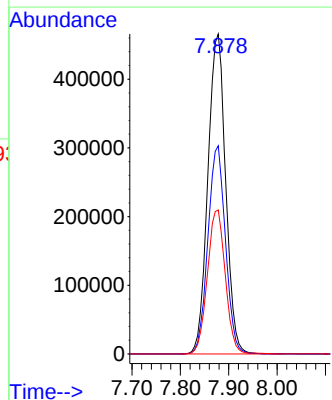
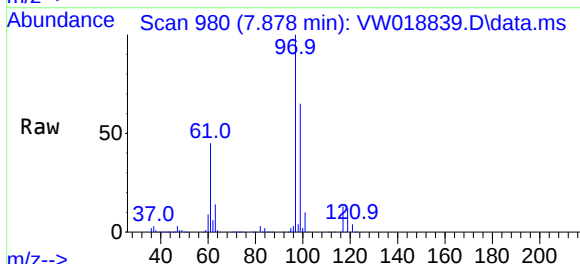
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 56  | 100   |       |       |
| 69  | 33.1  | 24.5  | 36.7  |
| 84  | 95.5  | 75.0  | 112.4 |

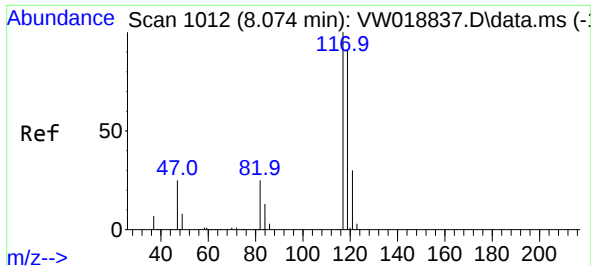


#30  
1,1,1-Trichloroethane  
Concen: 109.22 ug/L  
RT: 7.878 min Scan# 980  
Delta R.T. 0.006 min  
Lab File: VW018839.D  
Acq: 29 Apr 2021 11:33

Tgt Ion: 97 Resp: 1190172

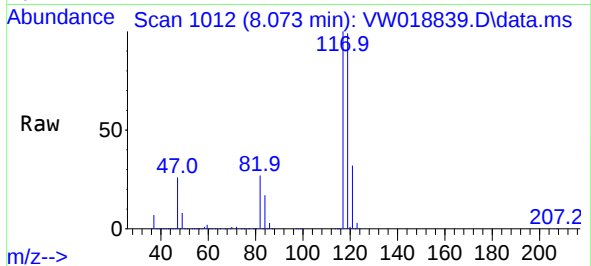
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 99  | 64.3  | 51.4  | 77.2  |
| 61  | 45.2  | 37.8  | 56.6  |



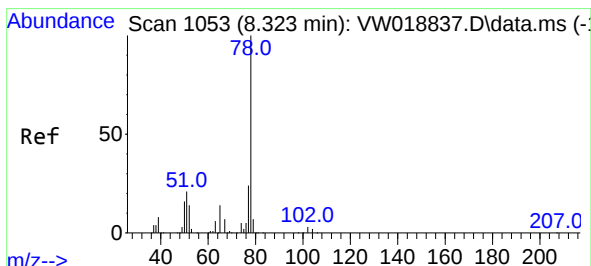
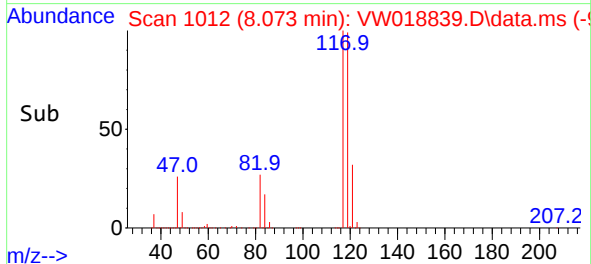
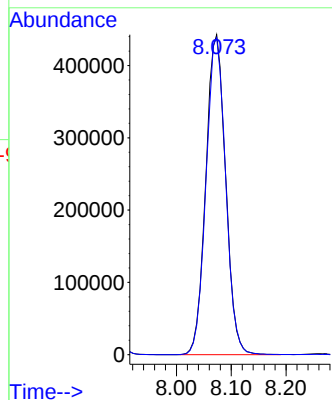


#31  
Carbon tetrachloride  
Concen: 112.65 ug/L  
RT: 8.073 min Scan# 1012  
Delta R.T. -0.000 min  
Lab File: VW018839.D  
Acq: 29 Apr 2021 11:33

Instrument :  
MSVOA\_W  
ClientSampled :

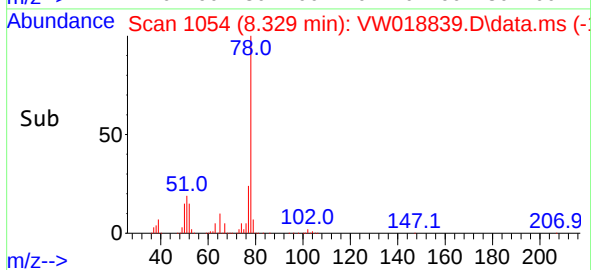
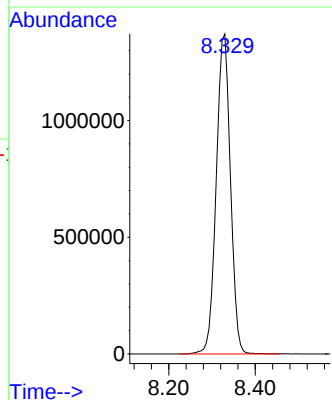
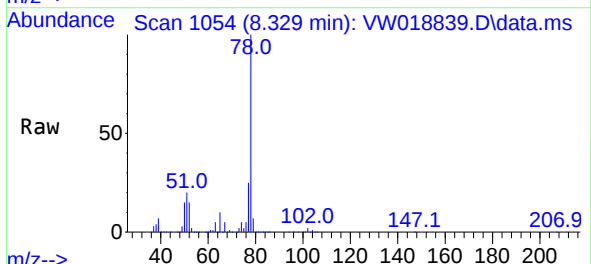


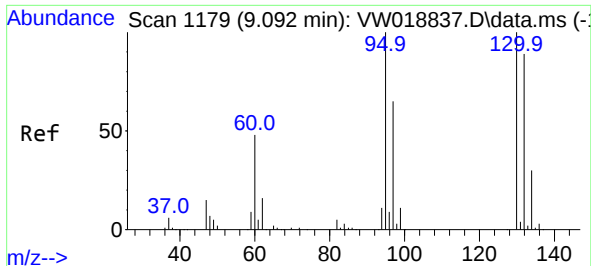
Tgt Ion:117 Resp: 1107926  
Ion Ratio Lower Upper  
117 100  
119 98.1 76.5 114.7



#33  
Benzene  
Concen: 104.36 ug/L  
RT: 8.329 min Scan# 1054  
Delta R.T. 0.006 min  
Lab File: VW018839.D  
Acq: 29 Apr 2021 11:33

Tgt Ion: 78 Resp: 3119629

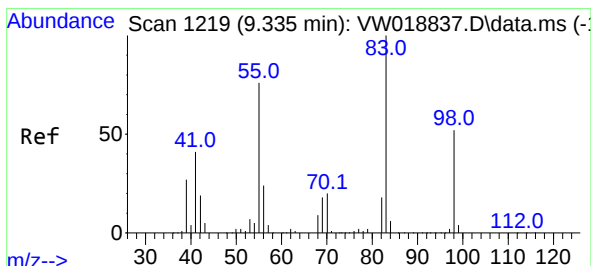
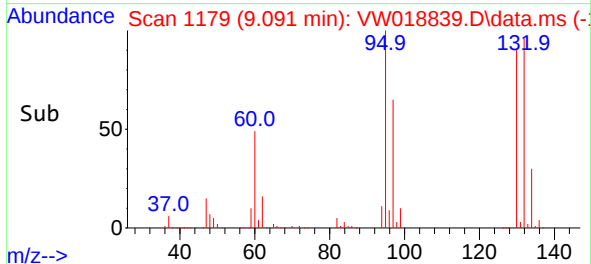
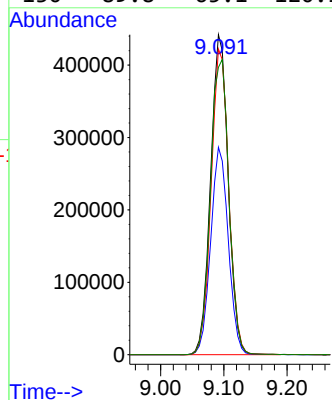
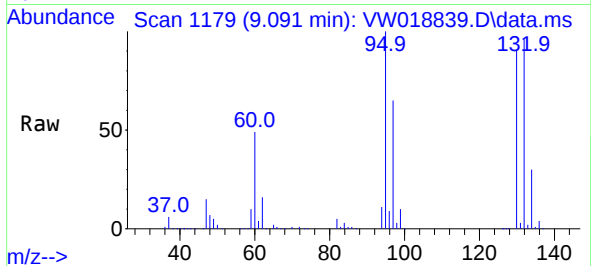




#34  
Trichloroethene  
Concen: 109.21 ug/L  
RT: 9.091 min Scan# 1179  
Delta R.T. -0.000 min  
Lab File: VW018839.D  
Acq: 29 Apr 2021 11:33

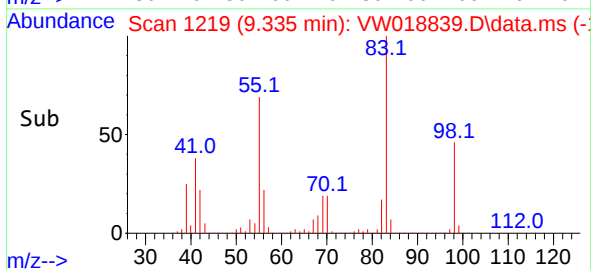
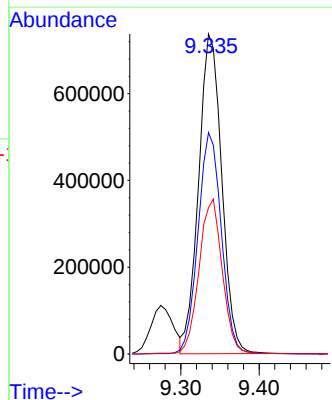
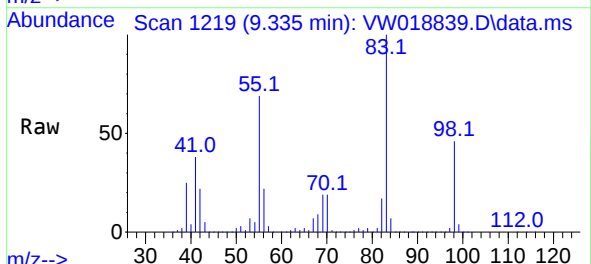
Instrument :  
MSVOA\_W  
ClientSampled :

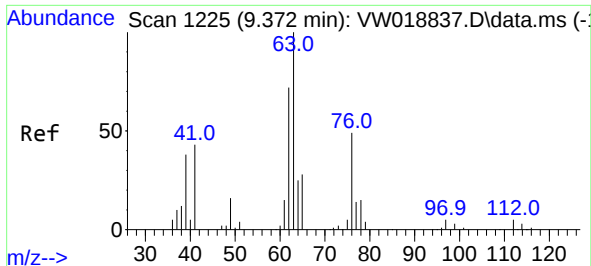
Tgt Ion: 95 Resp: 857714  
Ion Ratio Lower Upper  
95 100  
97 64.8 47.3 87.8  
132 95.5 71.0 131.8  
130 89.8 65.1 120.9



#35  
Methylcyclohexane  
Concen: 109.84 ug/L  
RT: 9.335 min Scan# 1219  
Delta R.T. -0.000 min  
Lab File: VW018839.D  
Acq: 29 Apr 2021 11:33

Tgt Ion: 83 Resp: 1513132  
Ion Ratio Lower Upper  
83 100  
55 70.0 58.9 88.3  
98 48.6 40.1 60.1

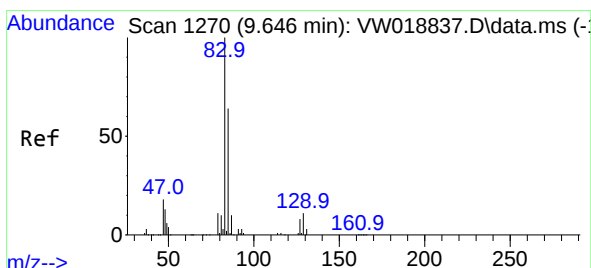
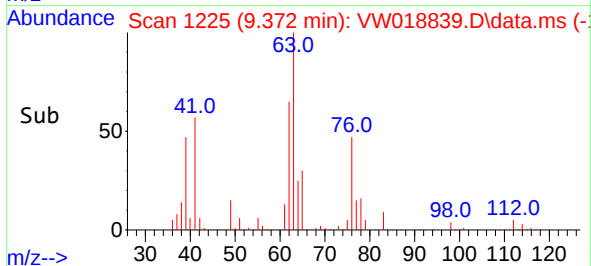
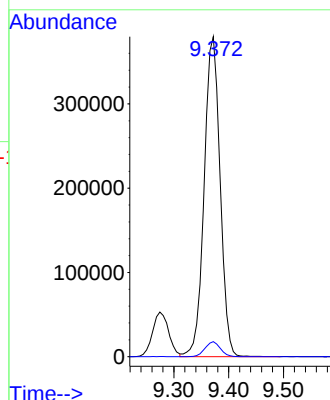
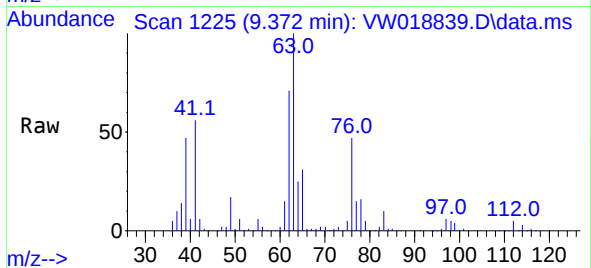




#37  
1,2-Dichloropropane  
Concen: 107.13 ug/L  
RT: 9.372 min Scan# 1225  
Delta R.T. -0.000 min  
Lab File: VW018839.D  
Acq: 29 Apr 2021 11:33

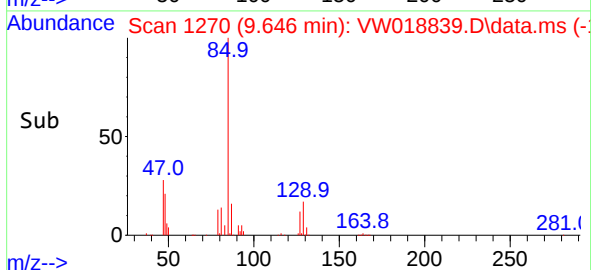
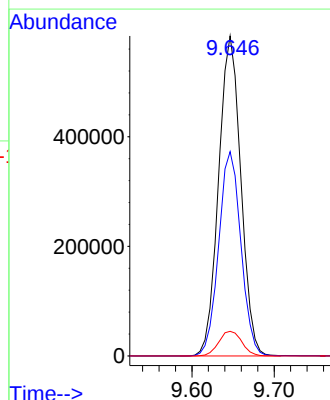
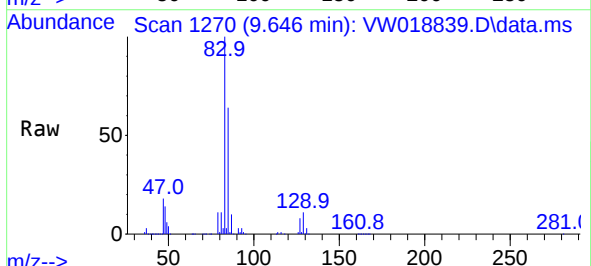
Instrument :  
MSVOA\_W  
ClientSampled :

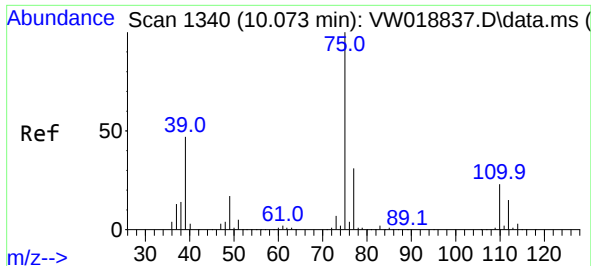
Tgt Ion: 63 Resp: 765251  
Ion Ratio Lower Upper  
63 100  
112 4.5 3.9 5.9



#38  
Bromodichloromethane  
Concen: 120.48 ug/L  
RT: 9.646 min Scan# 1270  
Delta R.T. -0.000 min  
Lab File: VW018839.D  
Acq: 29 Apr 2021 11:33

Tgt Ion: 83 Resp: 1098896  
Ion Ratio Lower Upper  
83 100  
85 63.9 42.3 78.5  
127 7.7 6.6 9.8

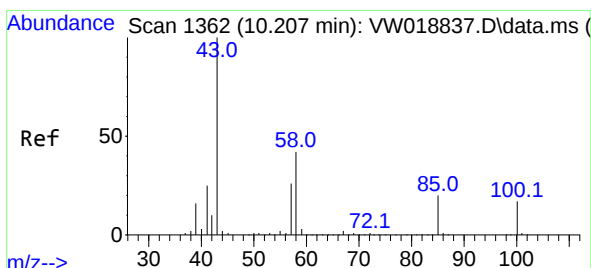
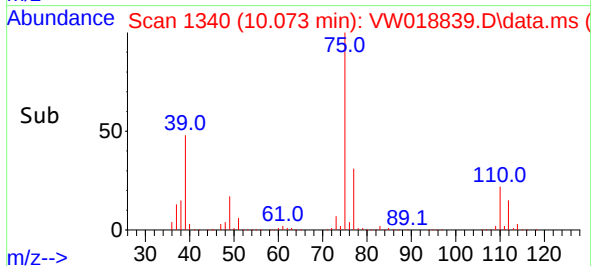
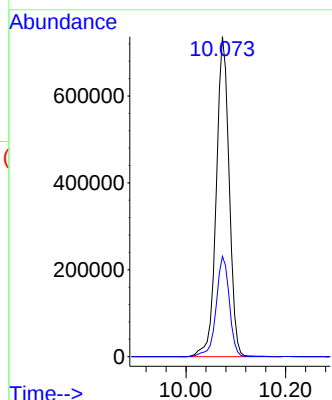
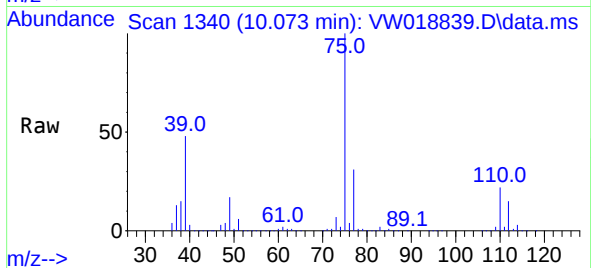




#39  
cis-1,3-Dichloropropene  
Concen: 120.54 ug/L  
RT: 10.073 min Scan# 1340  
Delta R.T. -0.000 min  
Lab File: VW018839.D  
Acq: 29 Apr 2021 11:33

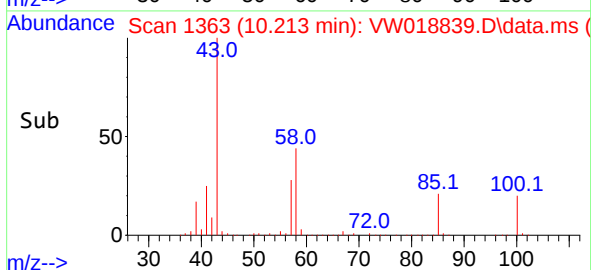
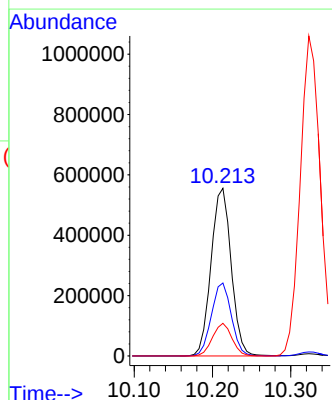
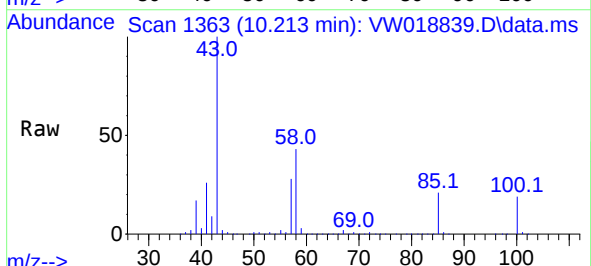
Instrument :  
MSVOA\_W  
ClientSampled :

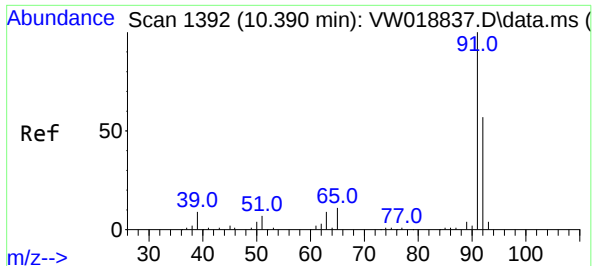
Tgt Ion: 75 Resp: 1323868  
Ion Ratio Lower Upper  
75 100  
77 31.3 22.6 42.0



#40  
4-Methyl-2-pentanone  
Concen: 226.02 ug/L  
RT: 10.213 min Scan# 1363  
Delta R.T. 0.006 min  
Lab File: VW018839.D  
Acq: 29 Apr 2021 11:33

Tgt Ion: 43 Resp: 992353  
Ion Ratio Lower Upper  
43 100  
58 43.2 31.0 46.4  
100 18.8 13.0 19.6





#42

Toluene

Concen: 107.95 ug/L

RT: 10.390 min Scan# 1392

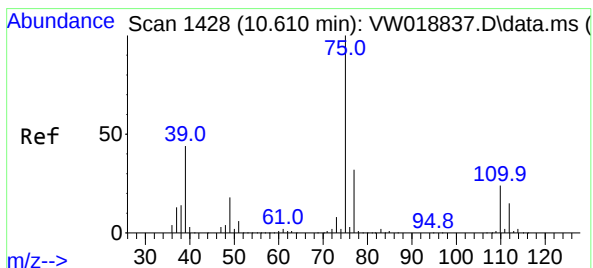
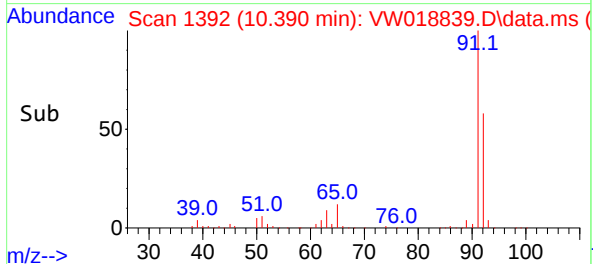
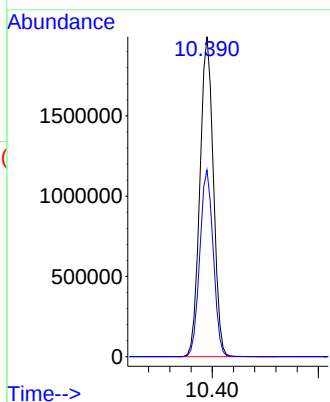
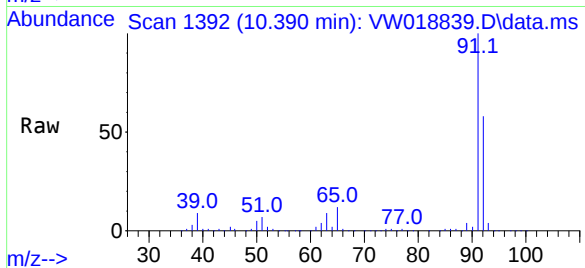
Delta R.T. -0.000 min

Lab File: VW018839.D

Acq: 29 Apr 2021 11:33

Tgt Ion: 91 Resp: 3503287

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 91  | 100   |       |       |
| 92  | 58.3  | 39.5  | 73.3  |



#44

trans-1,3-Dichloropropene

Concen: 127.06 ug/L

RT: 10.610 min Scan# 1428

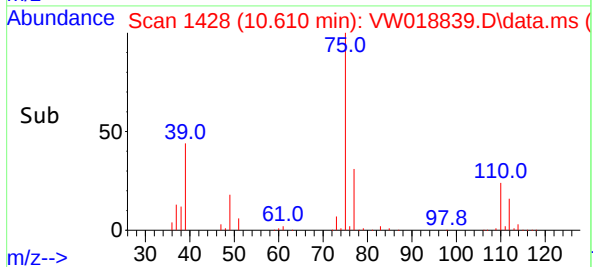
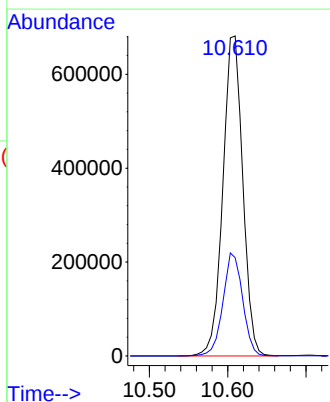
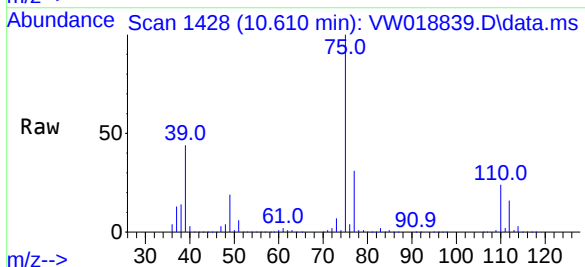
Delta R.T. -0.000 min

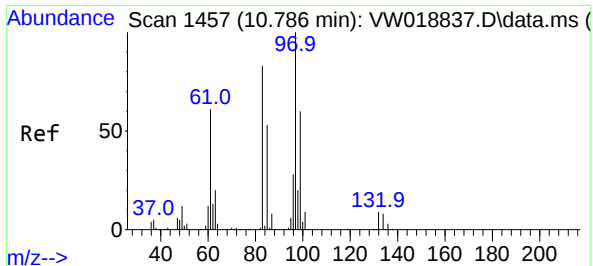
Lab File: VW018839.D

Acq: 29 Apr 2021 11:33

Tgt Ion: 75 Resp: 1203706

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 77  | 30.7  | 21.1  | 39.1  |



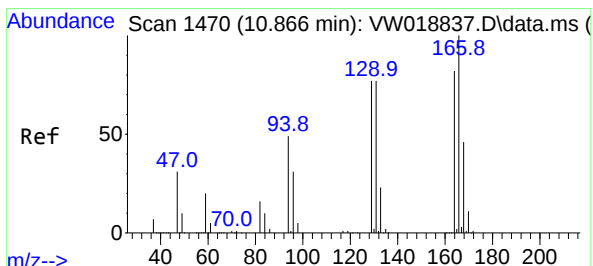
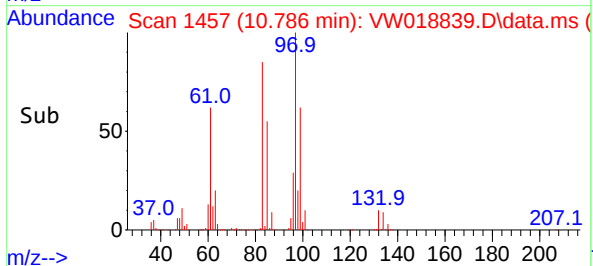
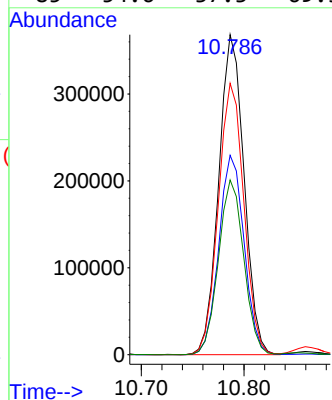
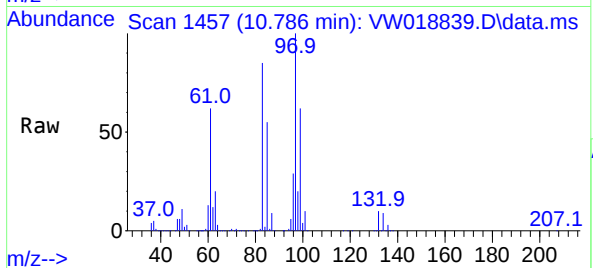


#45  
1,1,2-Trichloroethane  
Concen: 112.46 ug/L  
RT: 10.786 min Scan# 1457  
Delta R.T. -0.000 min  
Lab File: VW018839.D  
Acq: 29 Apr 2021 11:33

Instrument :  
MSVOA\_W  
ClientSampled :

Tgt Ion: 97 Resp: 630060

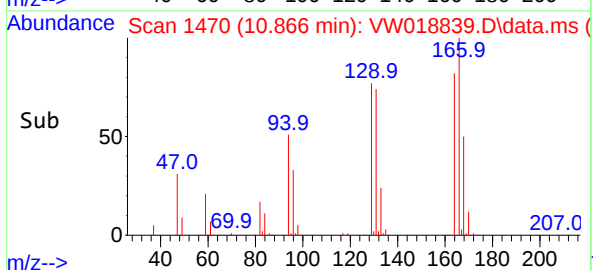
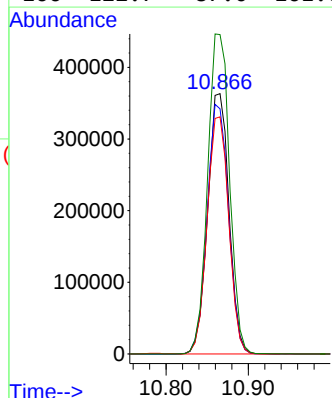
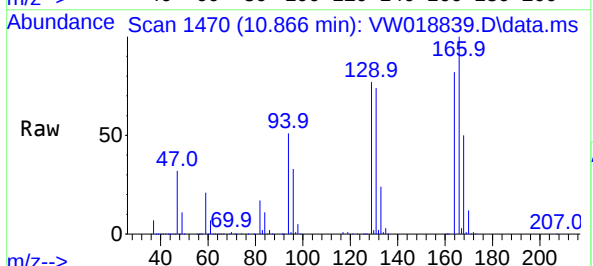
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 99  | 62.3  | 45.1  | 83.7  |
| 83  | 84.8  | 58.1  | 107.9 |
| 85  | 54.6  | 37.3  | 69.3  |

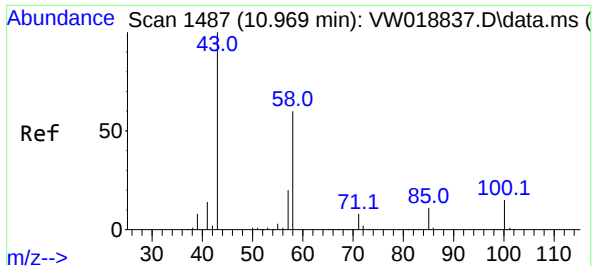


#46  
Tetrachloroethene  
Concen: 110.22 ug/L  
RT: 10.866 min Scan# 1470  
Delta R.T. -0.000 min  
Lab File: VW018839.D  
Acq: 29 Apr 2021 11:33

Tgt Ion: 164 Resp: 652978

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 129 | 94.2  | 66.7  | 123.9 |
| 131 | 91.1  | 61.1  | 113.5 |
| 166 | 122.7 | 87.0  | 161.6 |



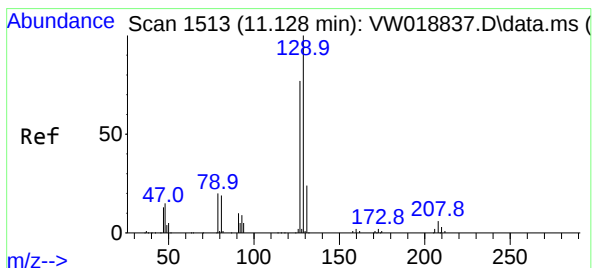
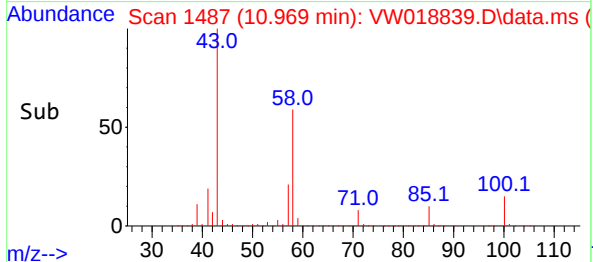
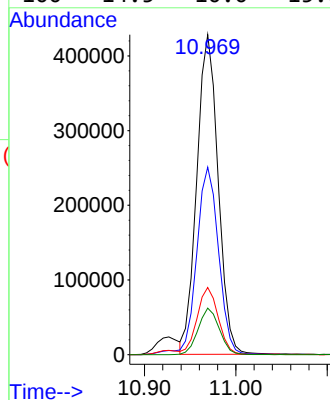
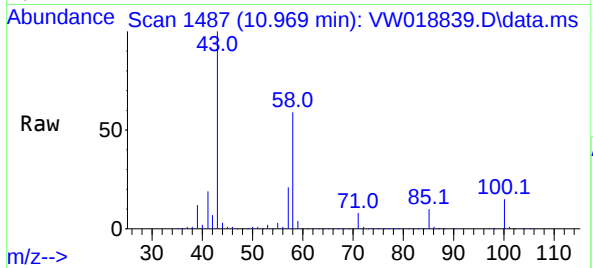


#48  
2-Hexanone  
Concen: 249.74 ug/L  
RT: 10.969 min Scan# 1487  
Delta R.T. -0.000 min  
Lab File: VW018839.D  
Acq: 29 Apr 2021 11:33

Instrument :  
MSVOA\_W  
ClientSampled :

Tgt Ion: 43 Resp: 694228

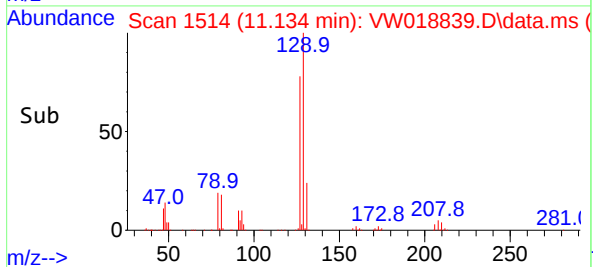
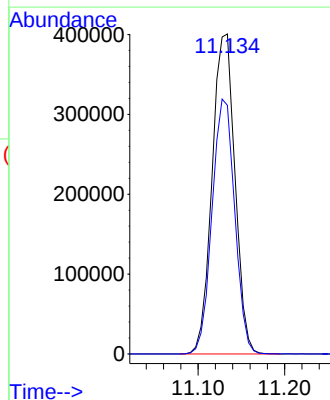
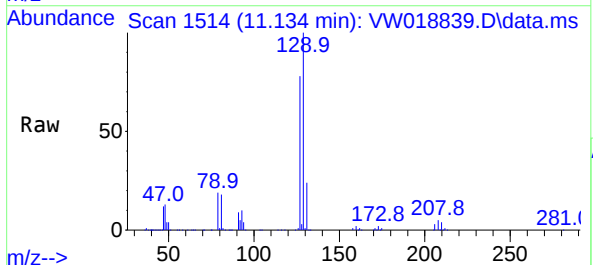
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 59.6  | 42.7  | 64.1  |
| 57  | 21.0  | 15.8  | 23.8  |
| 100 | 14.5  | 10.0  | 15.0  |

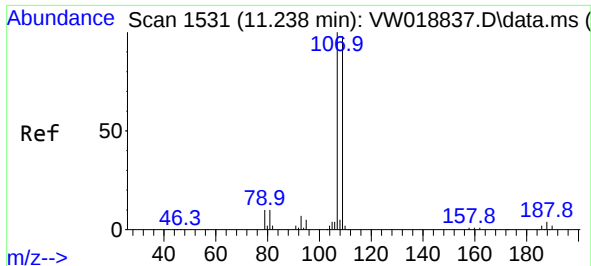


#49  
Dibromochloromethane  
Concen: 125.31 ug/L  
RT: 11.134 min Scan# 1514  
Delta R.T. 0.006 min  
Lab File: VW018839.D  
Acq: 29 Apr 2021 11:33

Tgt Ion: 129 Resp: 736123

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 129 | 100   |       |       |
| 127 | 77.7  | 51.7  | 95.9  |

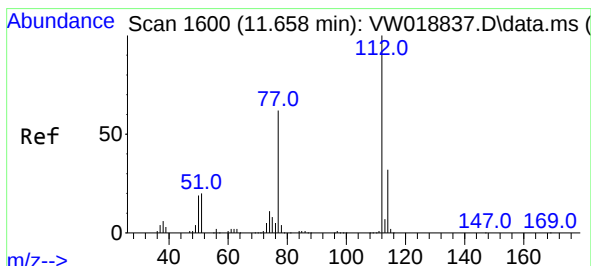
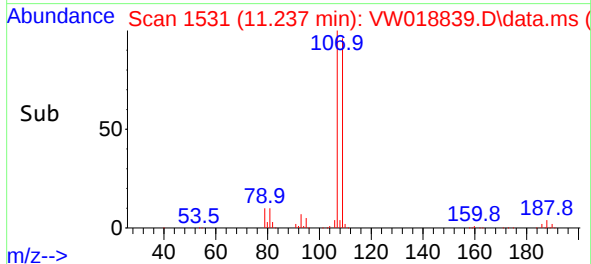
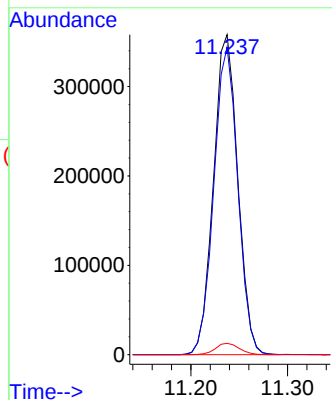
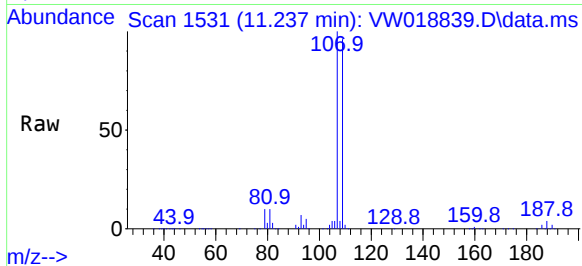




#50  
1,2-Dibromoethane  
Concen: 116.46 ug/L  
RT: 11.237 min Scan# 1531  
Delta R.T. -0.000 min  
Lab File: VW018839.D  
Acq: 29 Apr 2021 11:33

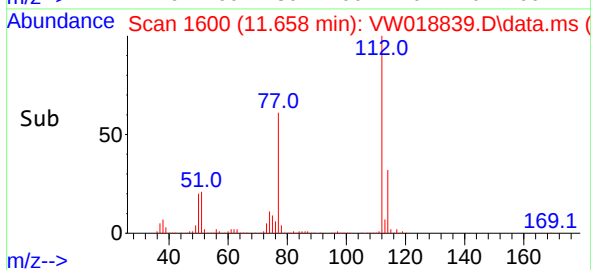
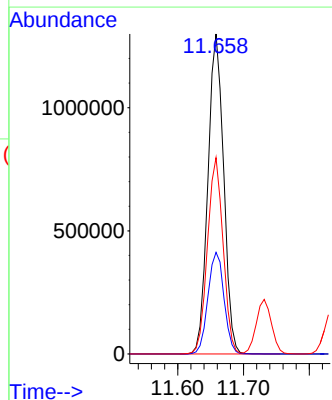
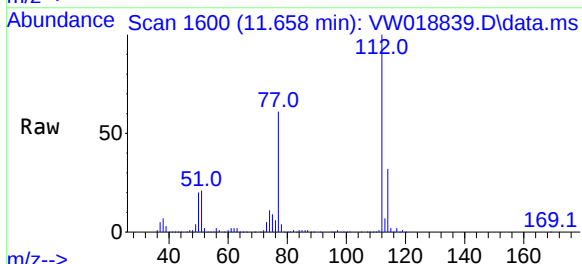
Instrument :  
MSVOA\_W  
ClientSampled :

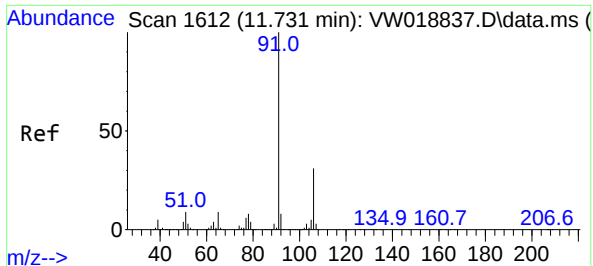
Tgt Ion:107 Resp: 624588  
Ion Ratio Lower Upper  
107 100  
109 96.1 65.4 121.4  
188 3.6 2.6 4.0



#51  
Chlorobenzene  
Concen: 108.98 ug/L  
RT: 11.658 min Scan# 1600  
Delta R.T. -0.000 min  
Lab File: VW018839.D  
Acq: 29 Apr 2021 11:33

Tgt Ion:112 Resp: 2159378  
Ion Ratio Lower Upper  
112 100  
114 31.8 23.4 43.6  
77 61.4 47.6 71.4

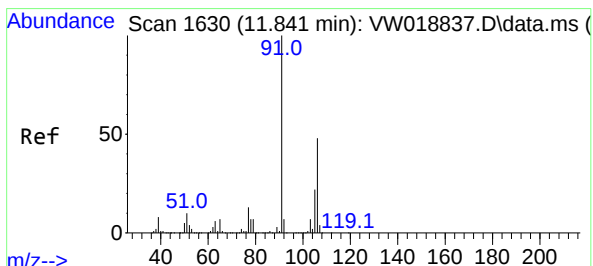
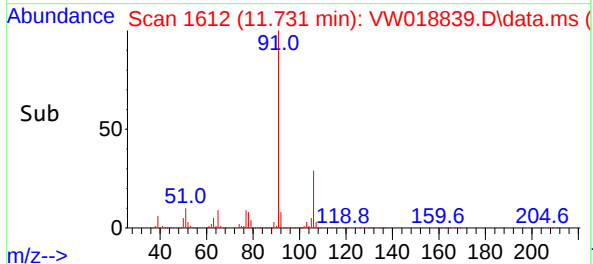
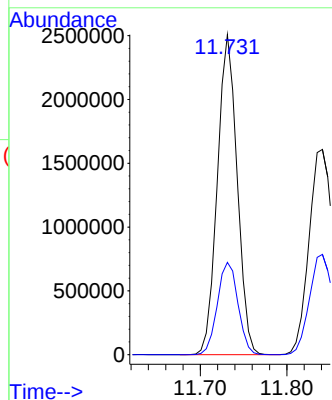
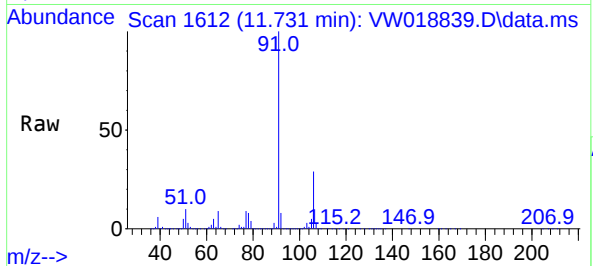




#52  
Ethylbenzene  
Concen: 111.70 ug/L  
RT: 11.731 min Scan# 1612  
Delta R.T. -0.000 min  
Lab File: VW018839.D  
Acq: 29 Apr 2021 11:33

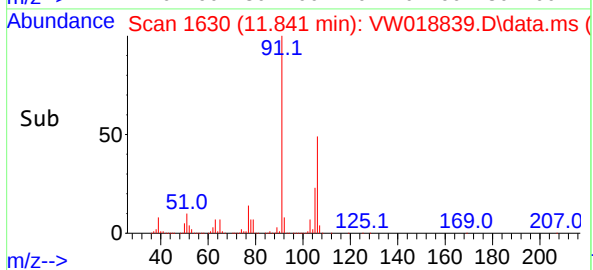
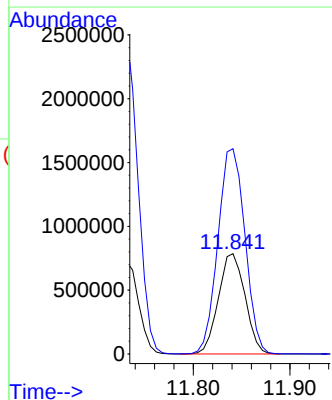
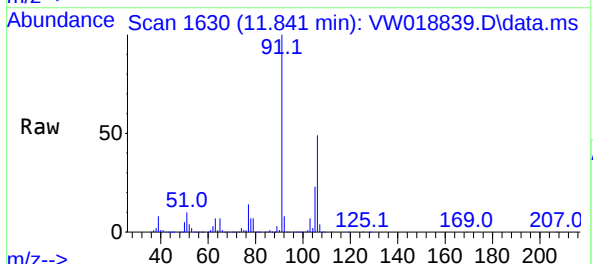
Instrument :  
MSVOA\_W  
ClientSampled :

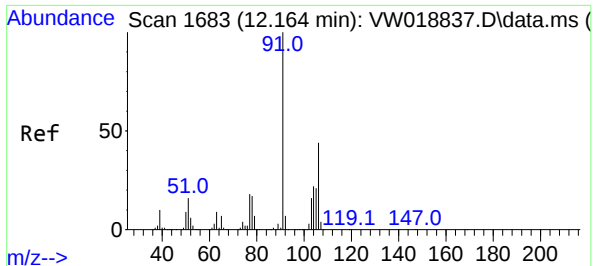
Tgt Ion: 91 Resp: 3977606  
Ion Ratio Lower Upper  
91 100  
106 28.9 22.5 41.7



#53  
m,p-Xylene  
Concen: 113.28 ug/L  
RT: 11.841 min Scan# 1630  
Delta R.T. -0.000 min  
Lab File: VW018839.D  
Acq: 29 Apr 2021 11:33

Tgt Ion:106 Resp: 1497937  
Ion Ratio Lower Upper  
106 100  
91 204.8 141.3 262.3

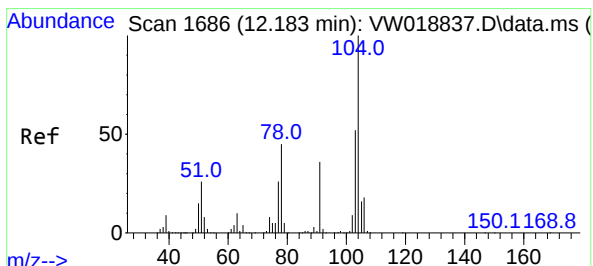
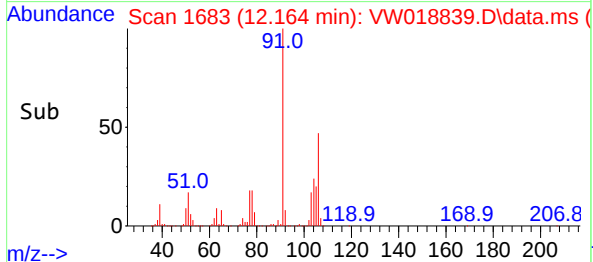
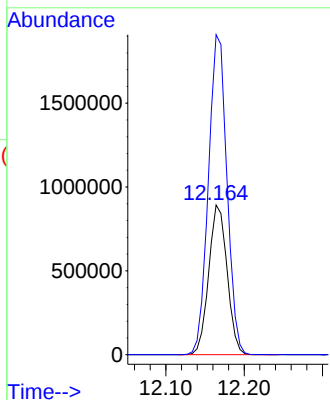
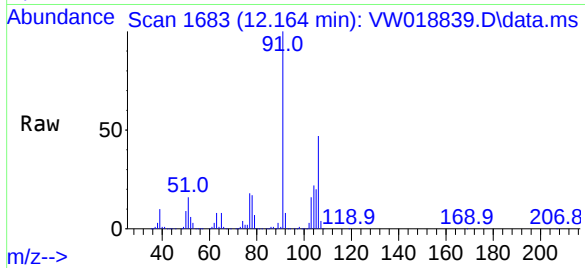




#54  
o-Xylene  
Concen: 116.77 ug/L  
RT: 12.164 min Scan# 1683  
Delta R.T. -0.000 min  
Lab File: VW018839.D  
Acq: 29 Apr 2021 11:33

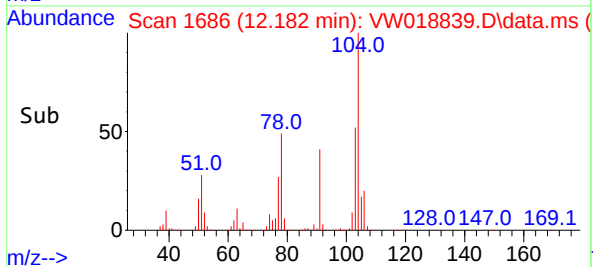
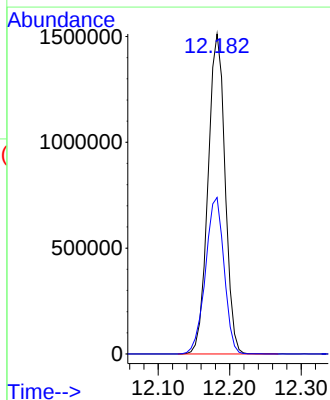
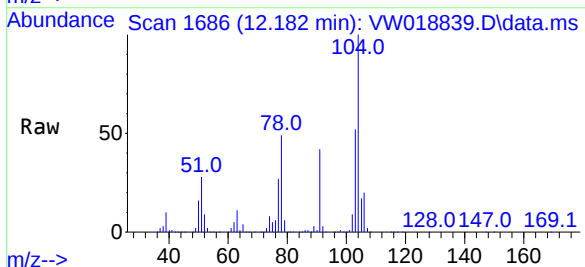
Instrument :  
MSVOA\_W  
ClientSampled :

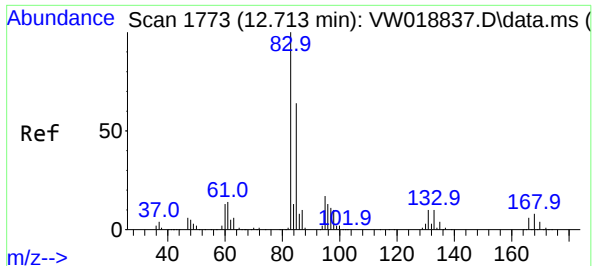
Tgt Ion:106 Resp: 1453916  
Ion Ratio Lower Upper  
106 100  
91 213.6 150.0 278.6



#55  
Styrene  
Concen: 120.60 ug/L  
RT: 12.182 min Scan# 1686  
Delta R.T. -0.000 min  
Lab File: VW018839.D  
Acq: 29 Apr 2021 11:33

Tgt Ion:104 Resp: 2496817  
Ion Ratio Lower Upper  
104 100  
78 48.9 32.5 60.3



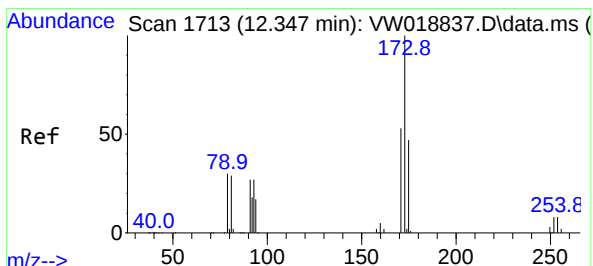
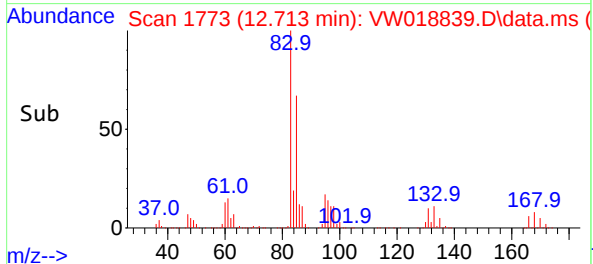
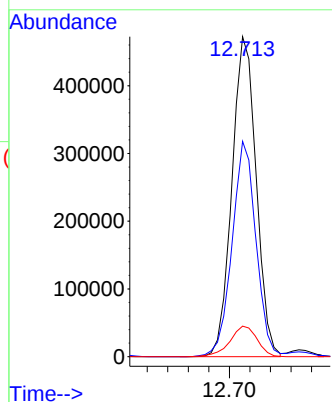
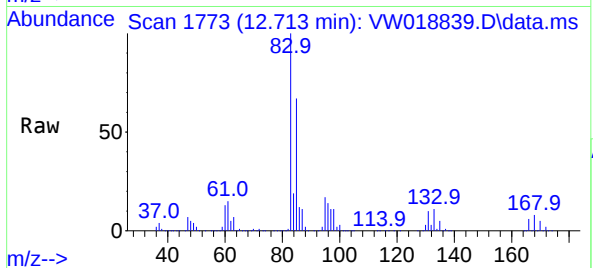


#57  
1,1,2,2-Tetrachloroethane  
Concen: 115.10 ug/L  
RT: 12.713 min Scan# 1773  
Delta R.T. -0.000 min  
Lab File: VW018839.D  
Acq: 29 Apr 2021 11:33

Instrument :  
MSVOA\_W  
ClientSampled :

Tgt Ion: 83 Resp: 774495

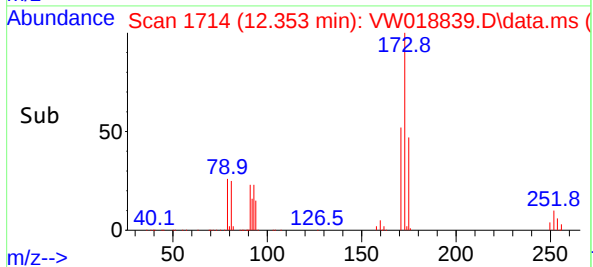
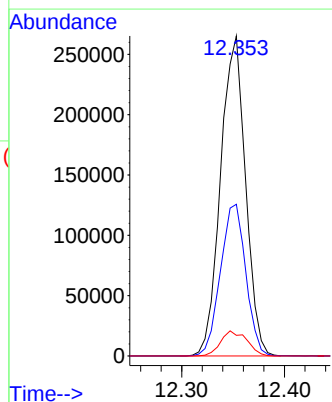
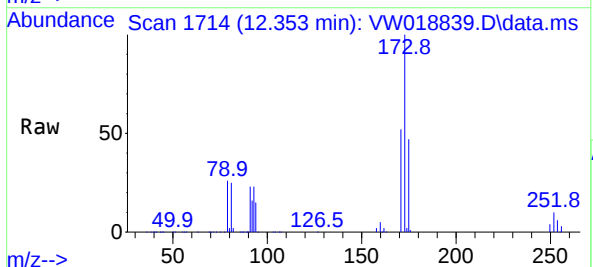
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 85  | 67.3  | 44.4  | 82.4  |
| 131 | 9.6   | 8.2   | 12.4  |

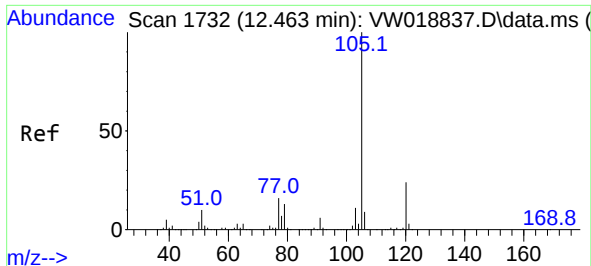


#59  
Bromoform  
Concen: 142.98 ug/L  
RT: 12.353 min Scan# 1714  
Delta R.T. 0.006 min  
Lab File: VW018839.D  
Acq: 29 Apr 2021 11:33

Tgt Ion: 173 Resp: 446866

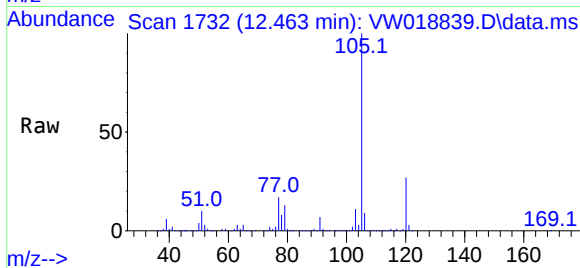
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 173 | 100   |       |       |
| 175 | 48.3  | 37.5  | 56.3  |
| 254 | 8.3   | 7.0   | 10.4  |



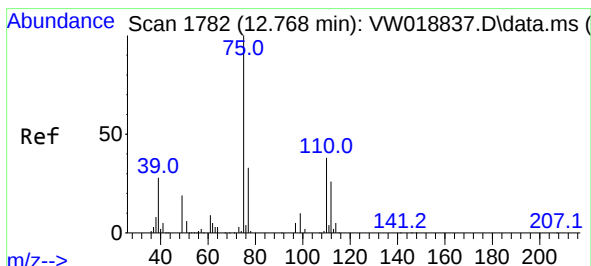
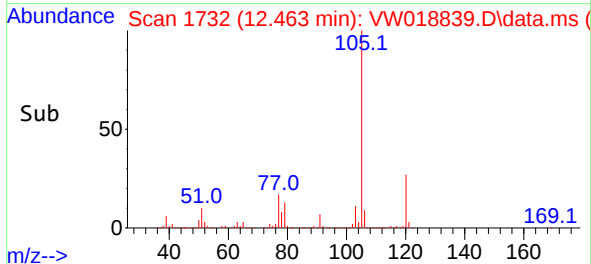
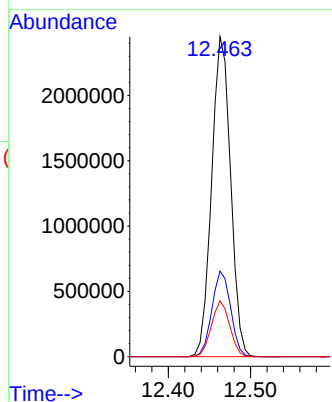


#60  
Isopropylbenzene  
Concen: 112.84 ug/L  
RT: 12.463 min Scan# 1732  
Delta R.T. -0.000 min  
Lab File: VW018839.D  
Acq: 29 Apr 2021 11:33

Instrument :  
MSVOA\_W  
ClientSampled :

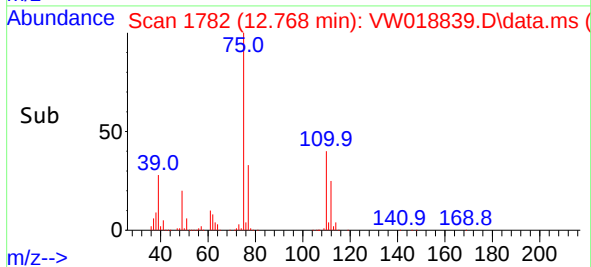
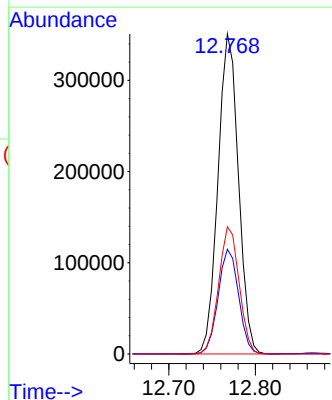
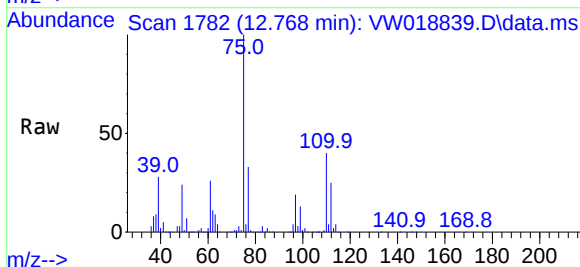


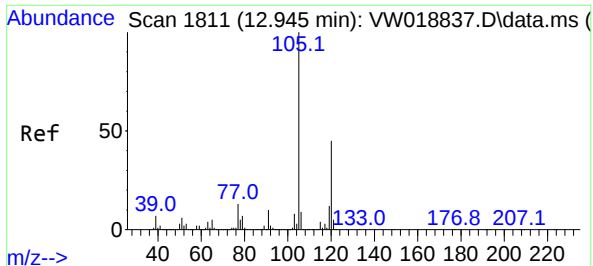
Tgt Ion:105 Resp: 3914570  
Ion Ratio Lower Upper  
105 100  
120 26.4 21.1 31.7  
77 16.8 13.2 19.8



#61  
1,2,3-Trichloropropane  
Concen: 110.80 ug/L  
RT: 12.768 min Scan# 1782  
Delta R.T. -0.000 min  
Lab File: VW018839.D  
Acq: 29 Apr 2021 11:33

Tgt Ion: 75 Resp: 575544  
Ion Ratio Lower Upper  
75 100  
77 32.7 25.3 37.9  
110 39.7 32.6 48.8

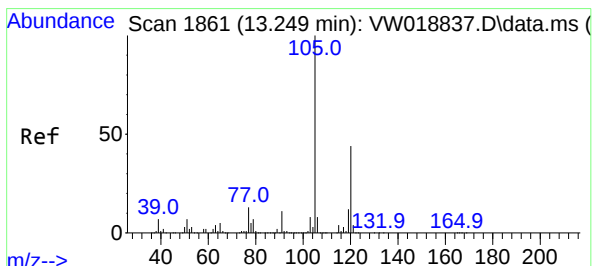
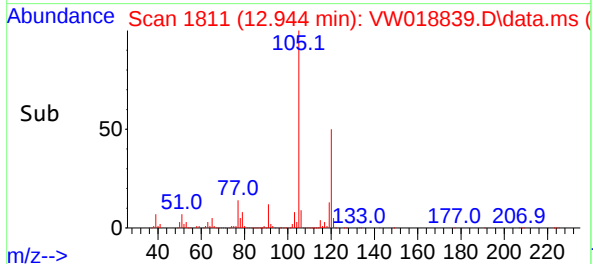
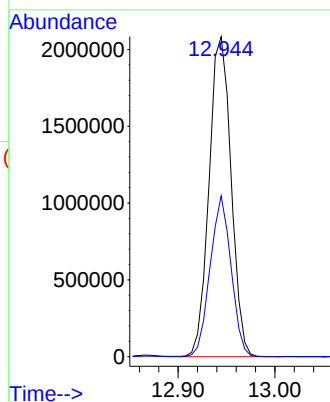
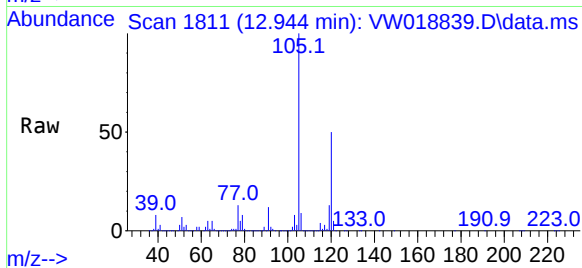




#62  
1,3,5-Trimethylbenzene  
Concen: 114.35 ug/L  
RT: 12.944 min Scan# 1811  
Delta R.T. -0.000 min  
Lab File: VW018839.D  
Acq: 29 Apr 2021 11:33

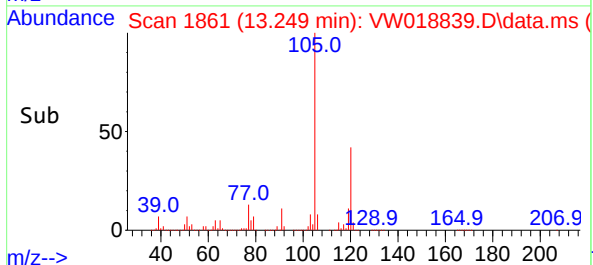
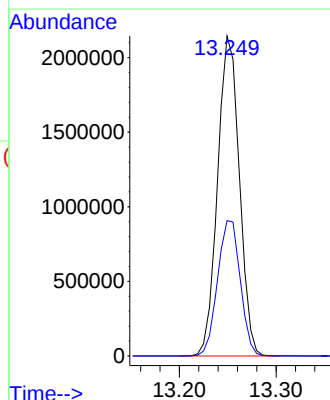
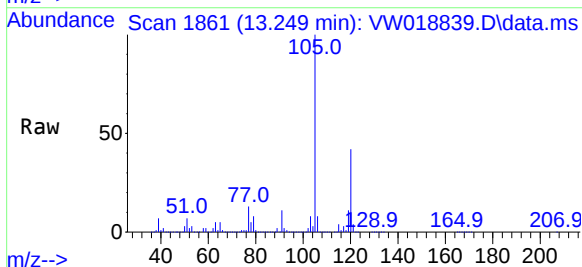
Instrument :  
MSVOA\_W  
ClientSampleId :

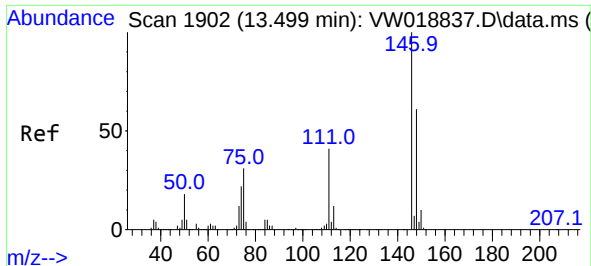
Tgt Ion:105 Resp: 3291161  
Ion Ratio Lower Upper  
105 100  
120 47.7 39.0 58.6



#63  
1,2,4-Trimethylbenzene  
Concen: 116.70 ug/L  
RT: 13.249 min Scan# 1861  
Delta R.T. -0.000 min  
Lab File: VW018839.D  
Acq: 29 Apr 2021 11:33

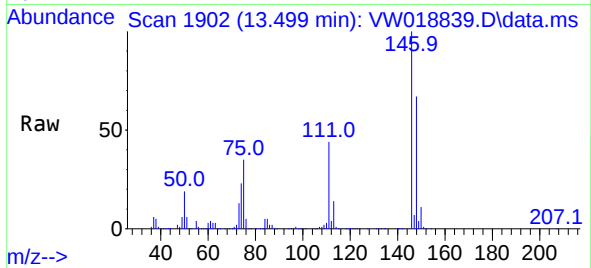
Tgt Ion:105 Resp: 3348391  
Ion Ratio Lower Upper  
105 100  
120 44.1 35.6 53.4



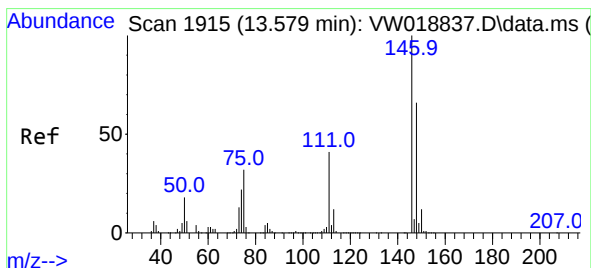
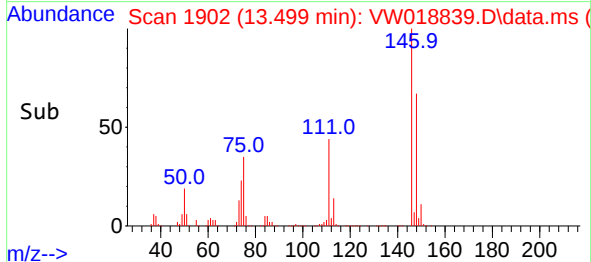
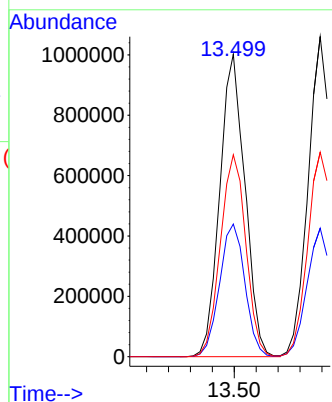


#64  
1,3-Dichlorobenzene  
Concen: 108.31 ug/L  
RT: 13.499 min Scan# 1902  
Delta R.T. -0.000 min  
Lab File: VW018839.D  
Acq: 29 Apr 2021 11:33

Instrument :  
MSVOA\_W  
ClientSampled :

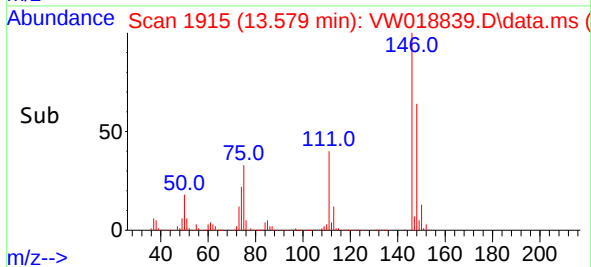
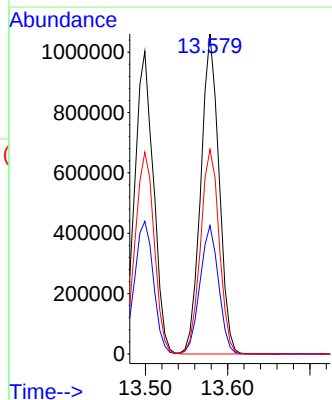
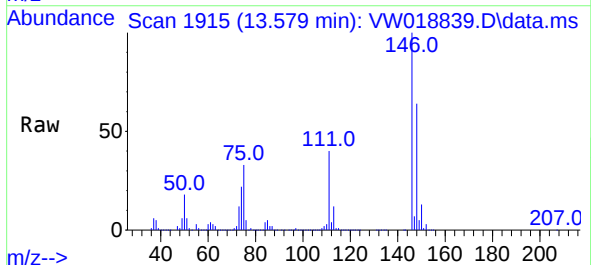


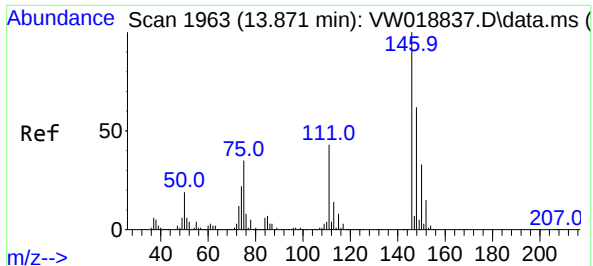
Tgt Ion:146 Resp: 1600008  
Ion Ratio Lower Upper  
146 100  
111 43.8 26.7 49.7  
148 66.7 41.1 76.3



#65  
1,4-Dichlorobenzene  
Concen: 109.47 ug/L  
RT: 13.579 min Scan# 1915  
Delta R.T. -0.000 min  
Lab File: VW018839.D  
Acq: 29 Apr 2021 11:33

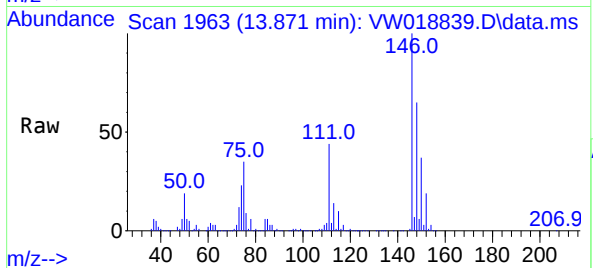
Tgt Ion:146 Resp: 1629738  
Ion Ratio Lower Upper  
146 100  
111 40.1 28.8 53.4  
148 63.9 46.8 87.0



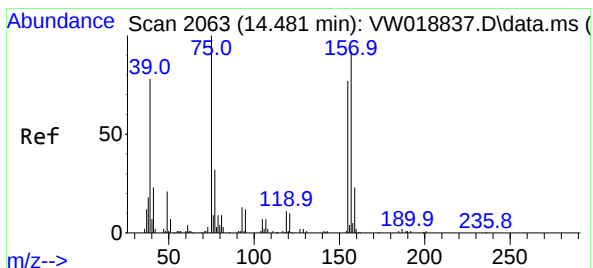
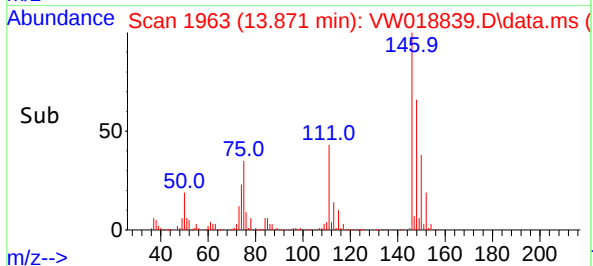
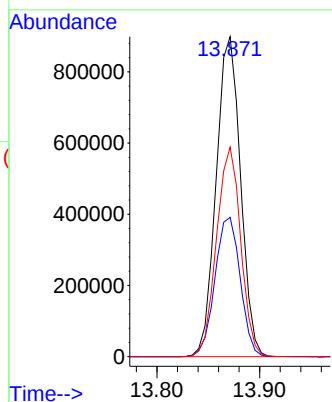


#67  
1,2-Dichlorobenzene  
Concen: 111.69 ug/L  
RT: 13.871 min Scan# 1963  
Delta R.T. -0.000 min  
Lab File: VW018839.D  
Acq: 29 Apr 2021 11:33

Instrument :  
MSVOA\_W  
ClientSampleId :

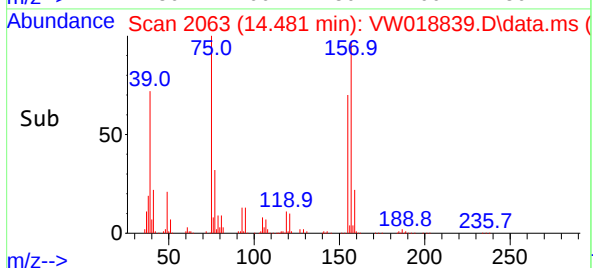
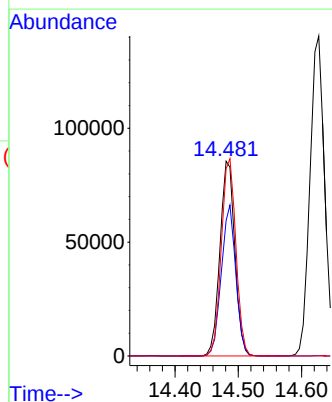
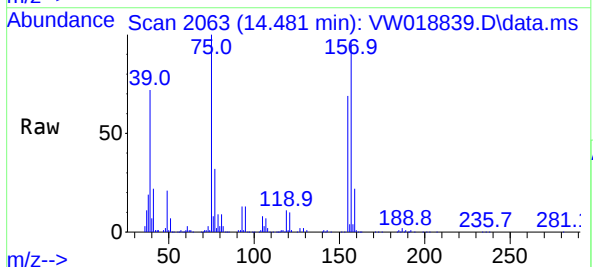


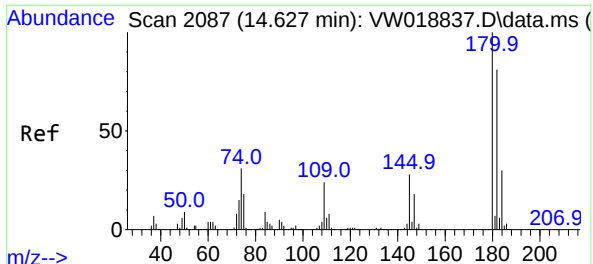
Tgt Ion:146 Resp: 1477813  
Ion Ratio Lower Upper  
146 100  
111 43.6 33.2 49.8  
148 65.5 50.4 75.6



#68  
1,2-Dibromo-3-chloropropane  
Concen: 132.71 ug/L  
RT: 14.481 min Scan# 2063  
Delta R.T. -0.000 min  
Lab File: VW018839.D  
Acq: 29 Apr 2021 11:33

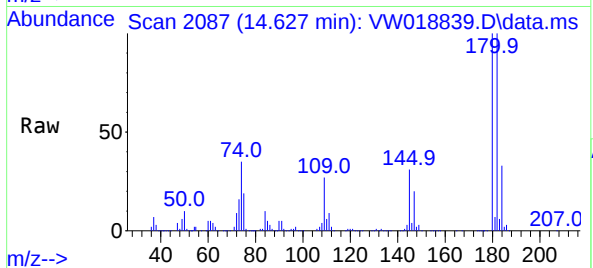
Tgt Ion: 75 Resp: 139297  
Ion Ratio Lower Upper  
75 100  
155 69.5 59.4 89.0  
157 96.1 72.2 108.2





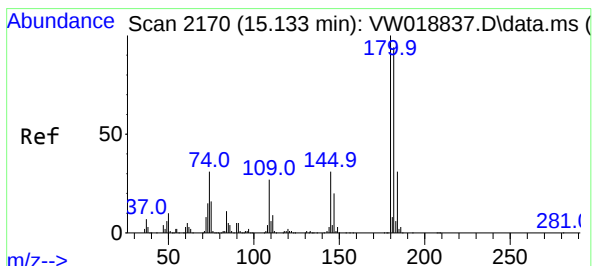
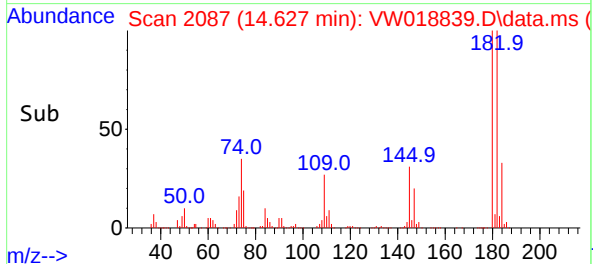
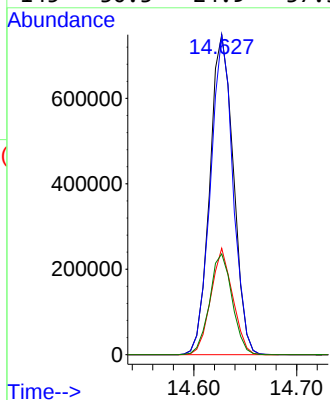
#69  
1,3,5-Trichlorobenzene  
Concen: 112.71 ug/L  
RT: 14.627 min Scan# 2087  
Delta R.T. -0.000 min  
Lab File: VW018839.D  
Acq: 29 Apr 2021 11:33

Instrument :  
MSVOA\_W  
ClientSampled :

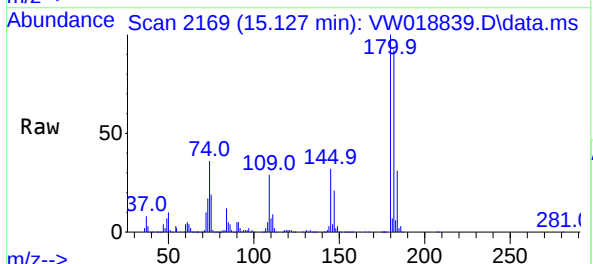


Tgt Ion:180 Resp: 1192788

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 180 | 100   |       |       |
| 182 | 95.3  | 73.4  | 110.2 |
| 184 | 30.9  | 23.6  | 35.4  |
| 145 | 30.3  | 24.9  | 37.3  |

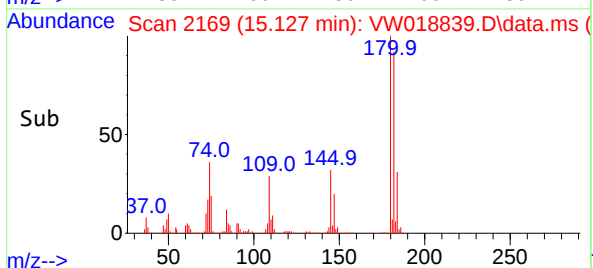
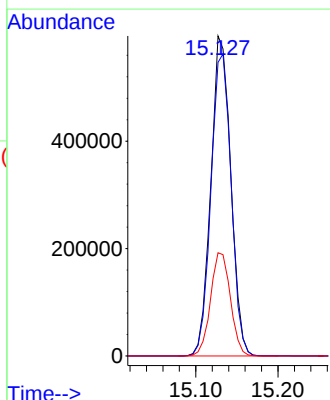


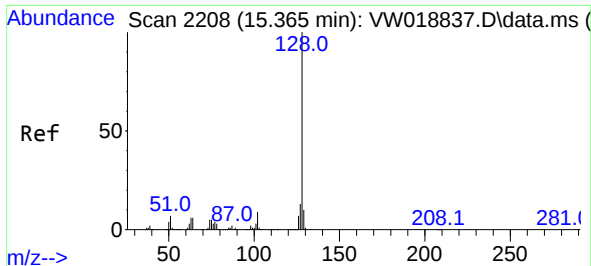
#70  
1,2,4-trichlorobenzene  
Concen: 114.78 ug/L  
RT: 15.127 min Scan# 2169  
Delta R.T. -0.006 min  
Lab File: VW018839.D  
Acq: 29 Apr 2021 11:33



Tgt Ion:180 Resp: 1005657

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 180 | 100   |       |       |
| 182 | 95.3  | 74.7  | 112.1 |
| 145 | 32.1  | 25.0  | 37.4  |

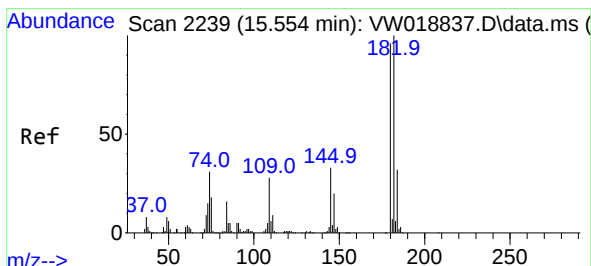
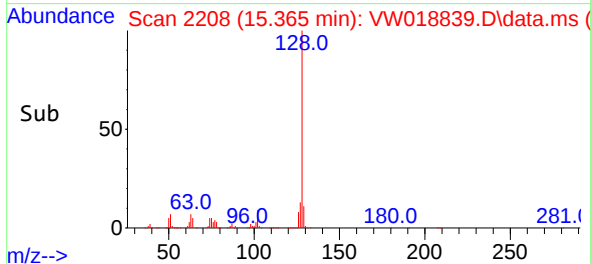
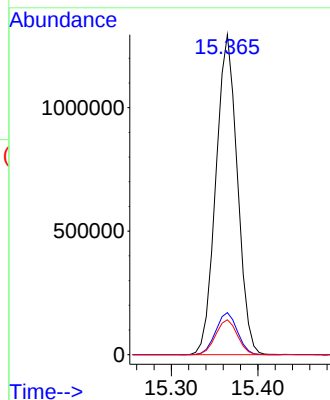
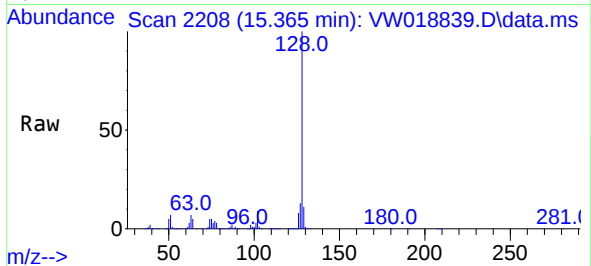




#71  
Naphthalene  
Concen: 124.51 ug/L  
RT: 15.365 min Scan# 2208  
Delta R.T. -0.000 min  
Lab File: VW018839.D  
Acq: 29 Apr 2021 11:33

Instrument :  
MSVOA\_W  
ClientSampled :

Tgt Ion:128 Resp: 2229839  
Ion Ratio Lower Upper  
128 100  
127 13.3 10.6 15.8  
129 11.0 9.0 13.6



#72  
1,2,3-Trichlorobenzene  
Concen: 120.52 ug/L  
RT: 15.554 min Scan# 2239  
Delta R.T. -0.000 min  
Lab File: VW018839.D  
Acq: 29 Apr 2021 11:33

Tgt Ion:180 Resp: 913228  
Ion Ratio Lower Upper  
180 100  
182 94.9 76.7 115.1  
145 32.4 28.9 43.3

