

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW042221\  
 Data File : VW018728.D  
 Acq On : 22 Apr 2021 11:54  
 Operator : SY/VA  
 Sample : M2129-02MS  
 Misc : 3.62G/10ML/MSVOA\_W/SOIL  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 E0AB9MS

Quant Time: Apr 23 02:01:00 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM041421SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri Apr 23 01:53:36 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.842  | 114   | 562562   | 25.00    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.634 | 117   | 425297   | 25.00    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.560 | 152   | 154241   | 25.00    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.361  | 65    | 118863   | 13.90    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 55.60%   |
| 7) Chloroethane-d5            | 2.891  | 69    | 112319   | 14.82    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 59.28%   |
| 11) 1,1-Dichloroethene-d2     | 4.031  | 63    | 262502   | 17.68    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 70.72%   |
| 21) 2-Butanone-d5             | 7.074  | 46    | 81648    | 41.96    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 83.92%   |
| 24) Chloroform-d              | 7.653  | 84    | 331725   | 21.49    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 85.96%   |
| 26) 1,2-Dichloroethane-d4     | 8.305  | 65    | 170996   | 19.70    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 78.80%   |
| 32) Benzene-d6                | 8.275  | 84    | 530130   | 21.25    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 85.00%   |
| 36) 1,2-Dichloropropane-d6    | 9.274  | 67    | 184965   | 24.60    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 98.40%   |
| 41) Toluene-d8                | 10.323 | 98    | 427287   | 18.73    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 74.92%   |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79    | 61607    | 19.25    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 77.00%   |
| 47) 2-Hexanone-d5             | 10.927 | 63    | 52699    | 40.31    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 80.62%   |
| 56) 1,1,2,2-Tetrachloroeth... | 12.695 | 84    | 143907   | 22.92    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 91.68%   |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152   | 122675   | 22.64    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 90.56%   |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane    | 2.014  | 85    | 118983   | 22.22    | ug/L   | 99       |
| 3) Chloromethane              | 2.215  | 50    | 117068   | 16.01    | ug/L   | 99       |
| 5) Vinyl chloride             | 2.367  | 62    | 218423   | 20.72    | ug/L   | 98       |
| 6) Bromomethane               | 2.782  | 94    | 140200   | 16.69    | ug/L   | 99       |
| 8) Chloroethane               | 2.928  | 64    | 136593   | 20.30    | ug/L   | 96       |
| 9) Trichlorofluoromethane     | 3.263  | 101   | 172026   | 29.13    | ug/L   | 100      |
| 10) 1,1,2-Trichloro-1,2,2-... | 4.074  | 101   | 183626   | 24.50    | ug/L   | 98       |
| 12) 1,1-Dichloroethene        | 4.044  | 96    | 191330   | 25.87    | ug/L   | 90       |
| 13) Acetone                   | 4.129  | 43    | 53677    | 38.00    | ug/L   | 92       |
| 14) Carbon disulfide          | 4.391  | 76    | 558734   | 25.38    | ug/L   | 99       |
| 15) Methyl Acetate            | 4.672  | 43    | 50478    | 15.67    | ug/L   | 96       |
| 16) Methylene chloride        | 4.922  | 84    | 197108   | 21.38    | ug/L   | 94       |
| 17) trans-1,2-Dichloroethene  | 5.428  | 96    | 202529   | 25.46    | ug/L   | 97       |
| 18) Methyl tert-butyl Ether   | 5.428  | 73    | 264264   | 24.83    | ug/L   | 97       |
| 19) 1,1-Dichloroethane        | 6.214  | 63    | 359179   | 24.55    | ug/L   | 96       |
| 20) cis-1,2-Dichloroethene    | 7.171  | 96    | 210694   | 24.90    | ug/L   | 96       |
| 22) 2-Butanone                | 7.171  | 43    | 79938    | 37.24    | ug/L   | 93       |
| 23) Bromochloromethane        | 7.513  | 128   | 87008    | 23.75    | ug/L   | 95       |
| 25) Chloroform                | 7.677  | 83    | 369577   | 24.89    | ug/L   | 99       |

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 ALS Vial : 6 Sample Multiplier: 1

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 ClientSampleId :  
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM041421SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri Apr 23 01:53:36 2021  
 Response via : Initial Calibration

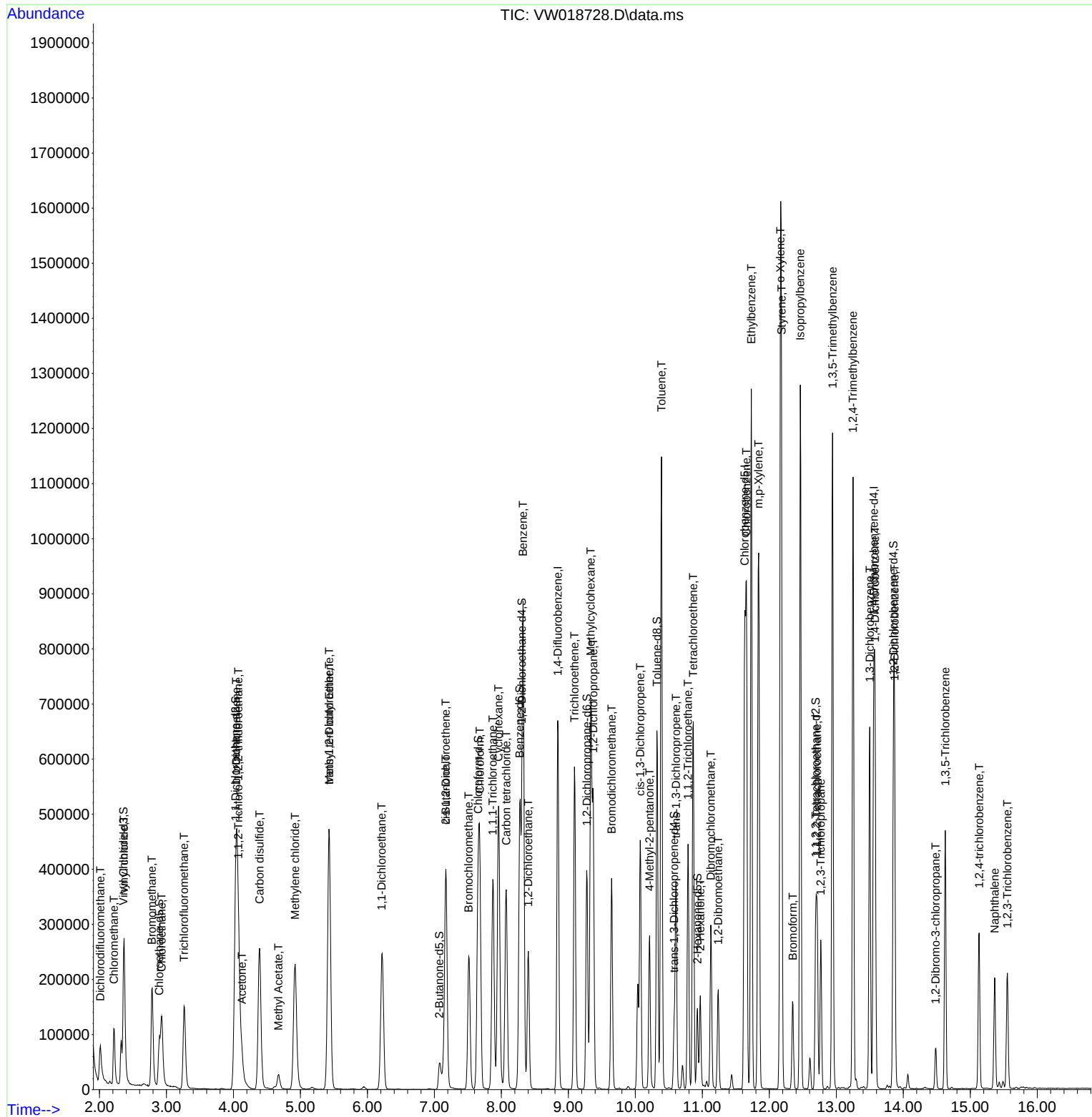
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| 27) 1,2-Dichloroethane        | 8.403  | 62   | 227087   | 22.47 | ug/L  | 98       |
| 29) Cyclohexane               | 7.958  | 56   | 299694   | 28.61 | ug/L  | 99       |
| 30) 1,1,1-Trichloroethane     | 7.872  | 97   | 307393   | 33.03 | ug/L  | 99       |
| 31) Carbon tetrachloride      | 8.073  | 117  | 275838   | 32.87 | ug/L  | 99       |
| 33) Benzene                   | 8.323  | 78   | 787887   | 29.50 | ug/L  | 100      |
| 34) Trichloroethene           | 9.091  | 95   | 206384   | 30.01 | ug/L  | 93       |
| 35) Methylcyclohexane         | 9.335  | 83   | 301890   | 25.26 | ug/L  | 98       |
| 37) 1,2-Dichloropropane       | 9.372  | 63   | 190320   | 28.14 | ug/L  | 99       |
| 38) Bromodichloromethane      | 9.646  | 83   | 249622   | 29.01 | ug/L  | 95       |
| 39) cis-1,3-Dichloropropene   | 10.073 | 75   | 262086   | 26.11 | ug/L  | 98       |
| 40) 4-Methyl-2-pentanone      | 10.213 | 43   | 168793   | 40.64 | ug/L  | 93       |
| 42) Toluene                   | 10.390 | 91   | 826761   | 28.84 | ug/L  | 99       |
| 44) trans-1,3-Dichloropropene | 10.610 | 75   | 208504   | 23.80 | ug/L  | 99       |
| 45) 1,1,2-Trichloroethane     | 10.786 | 97   | 134813   | 26.88 | ug/L  | 98       |
| 46) Tetrachloroethene         | 10.866 | 164  | 145097   | 29.86 | ug/L  | 96       |
| 48) 2-Hexanone                | 10.969 | 43   | 100715   | 38.36 | ug/L  | 92       |
| 49) Dibromochloromethane      | 11.128 | 129  | 145067   | 27.14 | ug/L  | 98       |
| 50) 1,2-Dibromoethane         | 11.237 | 107  | 120967   | 25.35 | ug/L  | 99       |
| 51) Chlorobenzene             | 11.658 | 112  | 452827   | 25.65 | ug/L  | 99       |
| 52) Ethylbenzene              | 11.731 | 91   | 882166   | 27.86 | ug/L  | 99       |
| 53) m,p-Xylene                | 11.841 | 106  | 317187   | 27.30 | ug/L  | 94       |
| 54) o-Xylene                  | 12.164 | 106  | 300190   | 26.92 | ug/L  | 93       |
| 55) Styrene                   | 12.182 | 104  | 454230   | 23.55 | ug/L  | 98       |
| 57) 1,1,2,2-Tetrachloroethane | 12.713 | 83   | 143921   | 23.04 | ug/L  | 98       |
| 59) Bromoform                 | 12.353 | 173  | 69829    | 31.76 | ug/L  | 100      |
| 60) Isopropylbenzene          | 12.463 | 105  | 799757   | 35.25 | ug/L  | 100      |
| 61) 1,2,3-Trichloropropane    | 12.768 | 75   | 108818   | 30.88 | ug/L  | 98       |
| 62) 1,3,5-Trimethylbenzene    | 12.944 | 105  | 625762   | 33.30 | ug/L  | 98       |
| 63) 1,2,4-Trimethylbenzene    | 13.249 | 105  | 593397   | 31.64 | ug/L  | 100      |
| 64) 1,3-Dichlorobenzene       | 13.499 | 146  | 248991   | 25.90 | ug/L  | 93       |
| 65) 1,4-Dichlorobenzene       | 13.578 | 146  | 248624   | 25.57 | ug/L  | 97       |
| 67) 1,2-Dichlorobenzene       | 13.871 | 146  | 219489   | 24.82 | ug/L  | 99       |
| 68) 1,2-Dibromo-3-chloropr... | 14.481 | 75   | 19446    | 26.55 | ug/L  | 99       |
| 69) 1,3,5-Trichlorobenzene    | 14.627 | 180  | 137951   | 20.10 | ug/L  | 99       |
| 70) 1,2,4-trichlorobenzene    | 15.133 | 180  | 89339    | 15.99 | ug/L  | 99       |
| 71) Naphthalene               | 15.365 | 128  | 163845   | 13.92 | ug/L  | 100      |
| 72) 1,2,3-Trichlorobenzene    | 15.554 | 180  | 70985    | 14.40 | ug/L  | 95       |

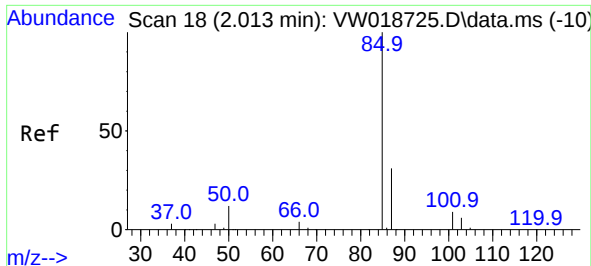
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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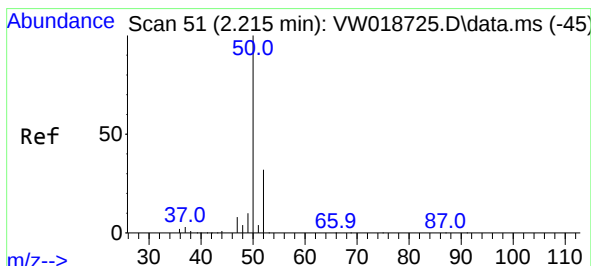
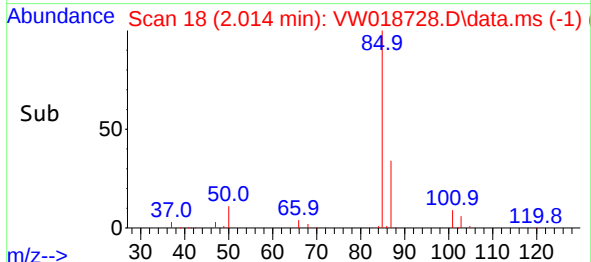
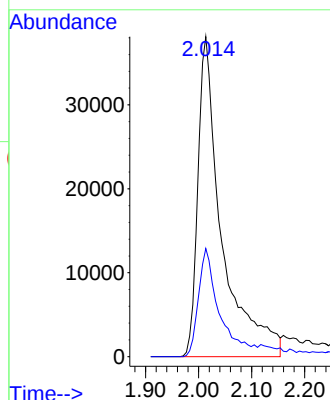
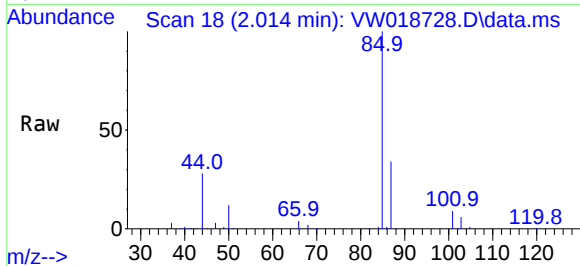




#2  
Dichlorodifluoromethane  
Concen: 22.22 ug/L  
RT: 2.014 min Scan# 18  
Delta R.T. 0.000 min  
Lab File: VW018728.D  
Acq: 22 Apr 2021 11:54

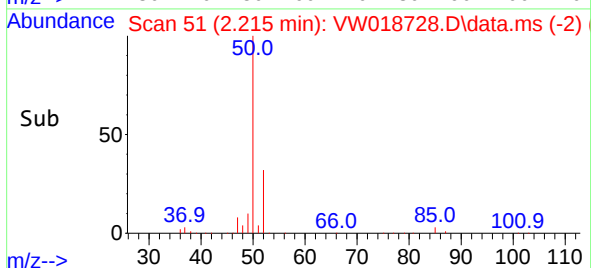
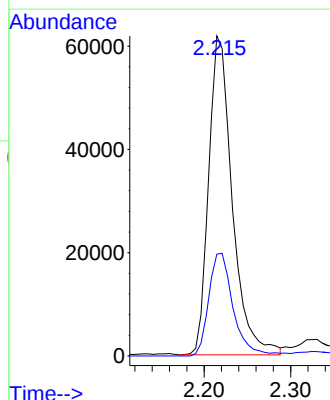
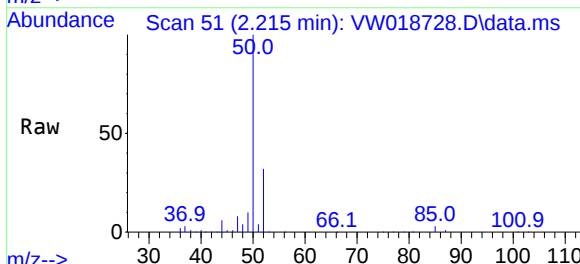
Instrument :  
MSVOA\_W  
ClientSampleId :  
E0AB9MS

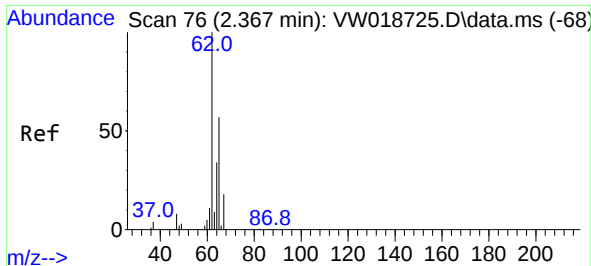
Tgt Ion: 85 Resp: 118983  
Ion Ratio Lower Upper  
85 100  
87 29.4 23.3 34.9



#3  
Chloromethane  
Concen: 16.01 ug/L  
RT: 2.215 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: VW018728.D  
Acq: 22 Apr 2021 11:54

Tgt Ion: 50 Resp: 117068  
Ion Ratio Lower Upper  
50 100  
52 31.8 22.5 41.9

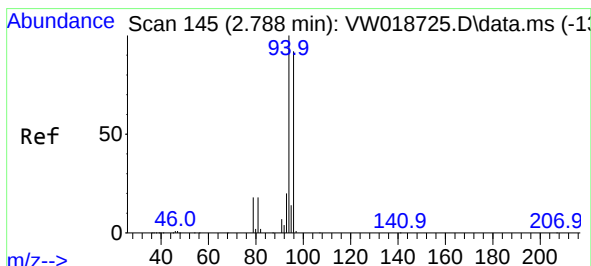
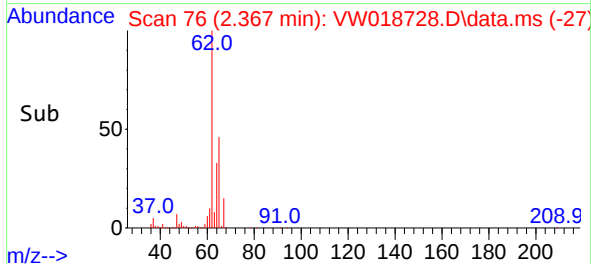
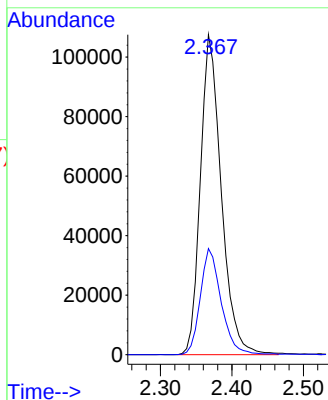
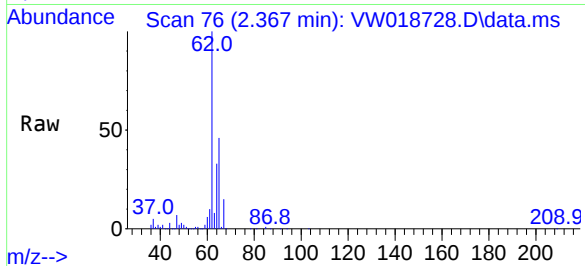




#5  
 Vinyl chloride  
 Concen: 20.72 ug/L  
 RT: 2.367 min Scan# 76  
 Delta R.T. 0.000 min  
 Lab File: VW018728.D  
 Acq: 22 Apr 2021 11:54

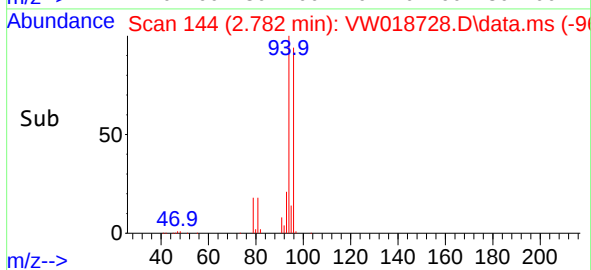
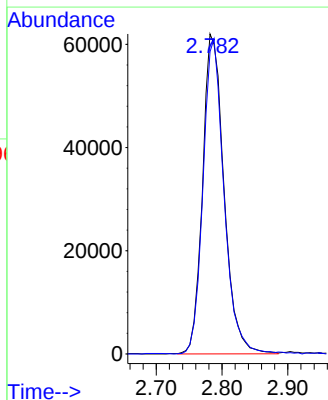
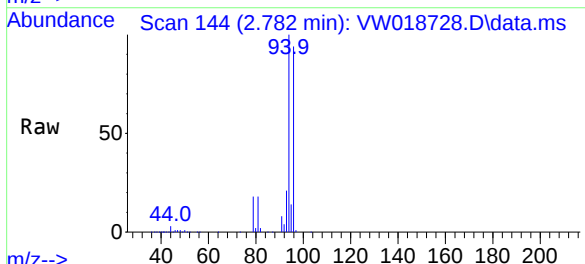
Instrument :  
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 ClientSampleId :  
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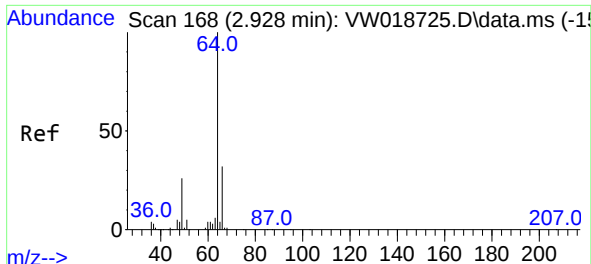
Tgt Ion: 62 Resp: 218423  
 Ion Ratio Lower Upper  
 62 100  
 64 33.2 24.2 45.0



#6  
 Bromomethane  
 Concen: 16.69 ug/L  
 RT: 2.782 min Scan# 144  
 Delta R.T. -0.006 min  
 Lab File: VW018728.D  
 Acq: 22 Apr 2021 11:54

Tgt Ion: 94 Resp: 140200  
 Ion Ratio Lower Upper  
 94 100  
 96 94.4 65.3 121.3

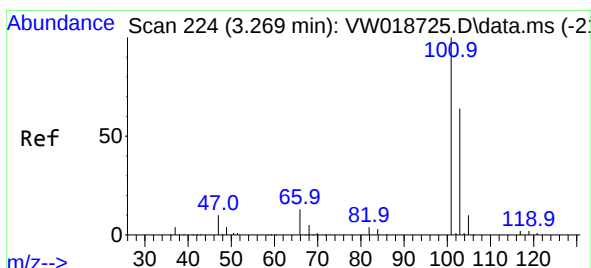
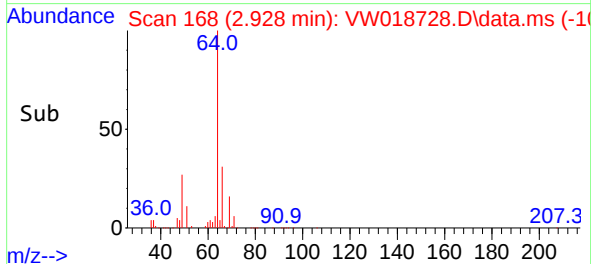
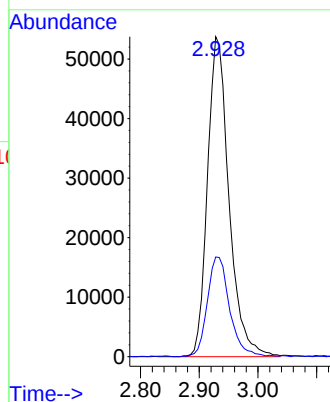
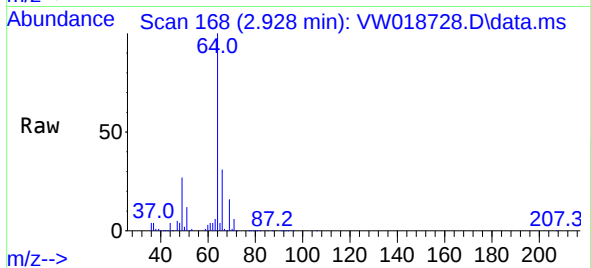




#8  
Chloroethane  
Concen: 20.30 ug/L  
RT: 2.928 min Scan# 168  
Delta R.T. 0.000 min  
Lab File: VW018728.D  
Acq: 22 Apr 2021 11:54

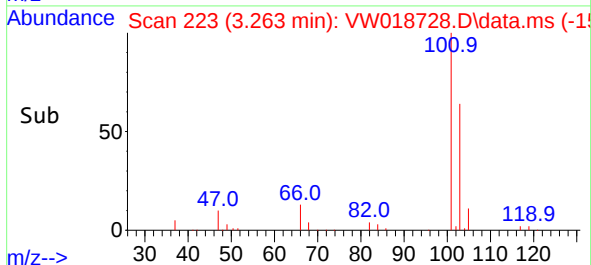
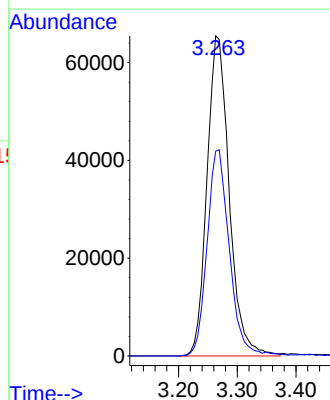
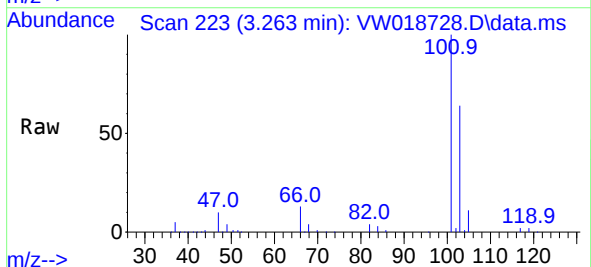
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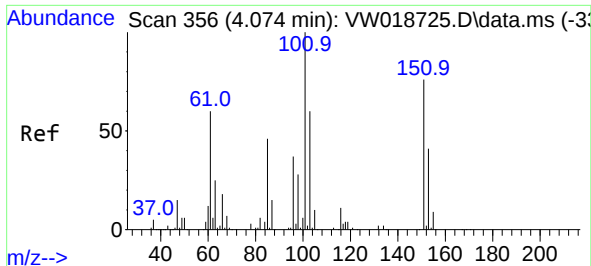
Tgt Ion: 64 Resp: 136593  
Ion Ratio Lower Upper  
64 100  
66 31.2 23.4 43.6



#9  
Trichlorofluoromethane  
Concen: 29.13 ug/L  
RT: 3.263 min Scan# 223  
Delta R.T. -0.006 min  
Lab File: VW018728.D  
Acq: 22 Apr 2021 11:54

Tgt Ion:101 Resp: 172026  
Ion Ratio Lower Upper  
101 100  
103 63.9 51.0 76.4

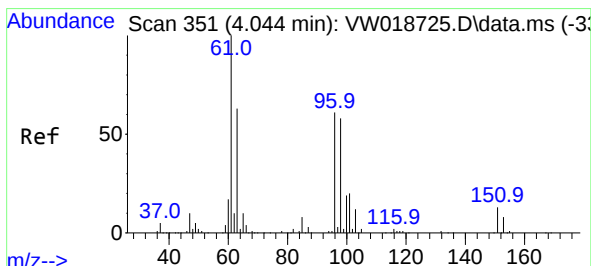
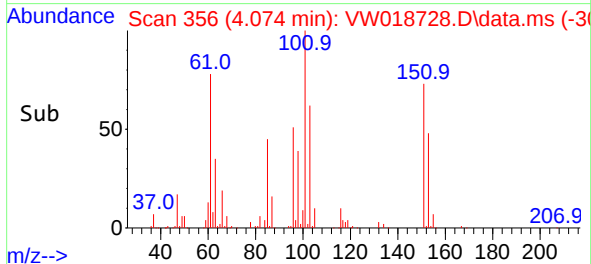
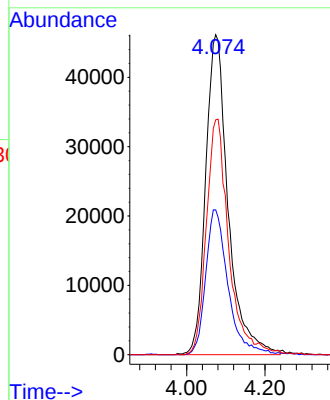
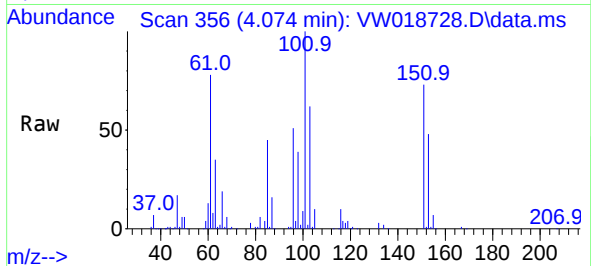




#10  
1,1,2-Trichloro-1,2,2-trifluoroethane  
Concen: 24.50 ug/L  
RT: 4.074 min Scan# 356  
Delta R.T. 0.000 min  
Lab File: VW018728.D  
Acq: 22 Apr 2021 11:54

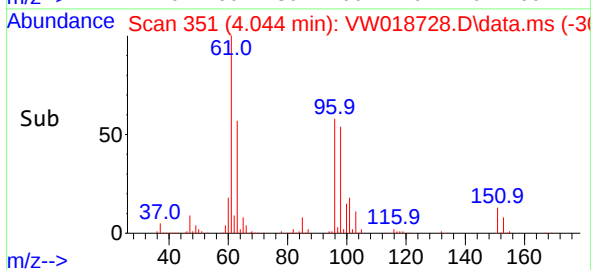
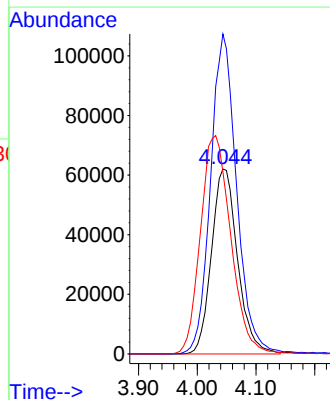
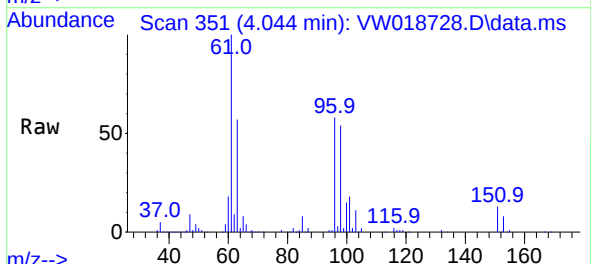
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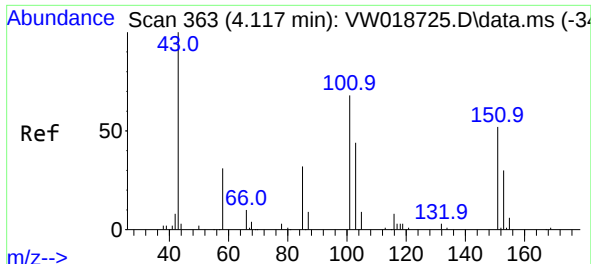
Tgt Ion:101 Resp: 183626  
Ion Ratio Lower Upper  
101 100  
85 44.6 38.2 57.2  
151 71.2 56.6 85.0



#12  
1,1-Dichloroethene  
Concen: 25.87 ug/L  
RT: 4.044 min Scan# 351  
Delta R.T. 0.000 min  
Lab File: VW018728.D  
Acq: 22 Apr 2021 11:54

Tgt Ion: 96 Resp: 191330  
Ion Ratio Lower Upper  
96 100  
61 173.1 118.1 219.3  
63 98.5 83.7 155.5

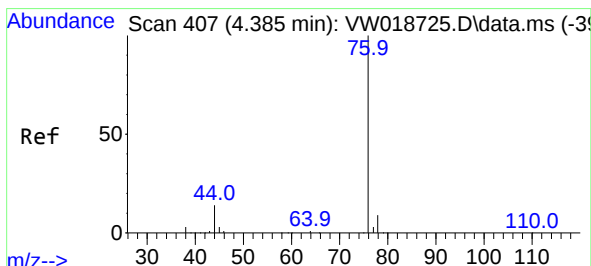
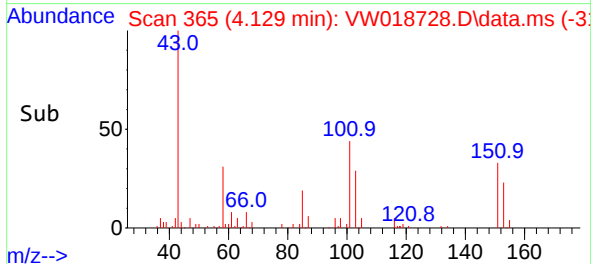
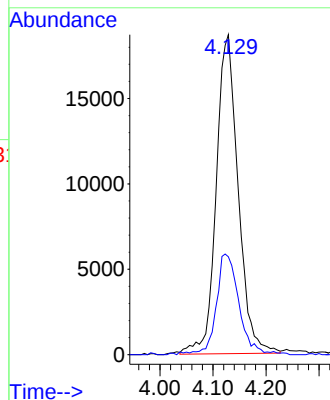
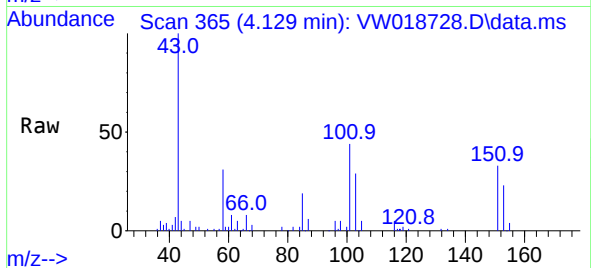




#13  
Acetone  
Concen: 38.00 ug/L  
RT: 4.129 min Scan# 365  
Delta R.T. 0.012 min  
Lab File: VW018728.D  
Acq: 22 Apr 2021 11:54

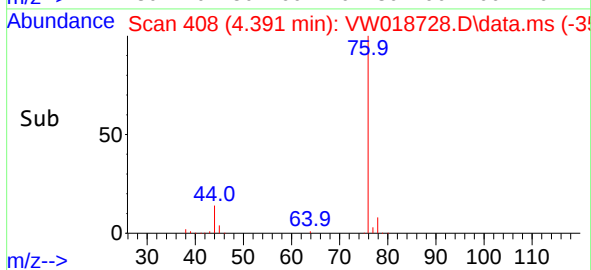
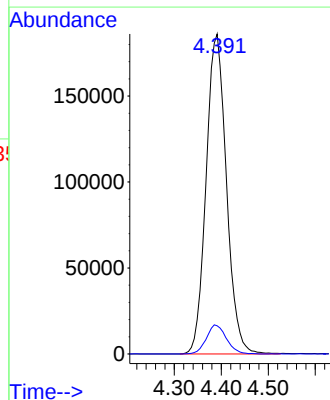
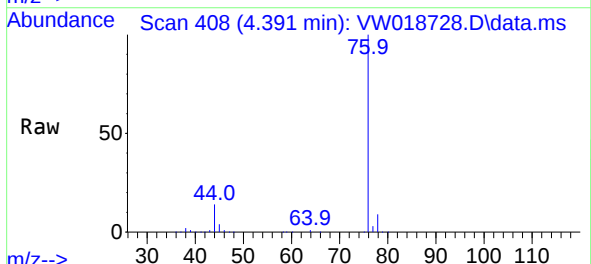
Instrument :  
MSVOA\_W  
ClientSampleId :  
E0AB9MS

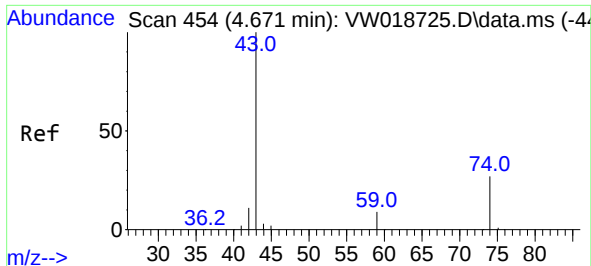
Tgt Ion: 43 Resp: 53677  
Ion Ratio Lower Upper  
43 100  
58 30.8 0.0 53.8



#14  
Carbon disulfide  
Concen: 25.38 ug/L  
RT: 4.391 min Scan# 408  
Delta R.T. 0.006 min  
Lab File: VW018728.D  
Acq: 22 Apr 2021 11:54

Tgt Ion: 76 Resp: 558734  
Ion Ratio Lower Upper  
76 100  
78 8.8 7.4 11.0

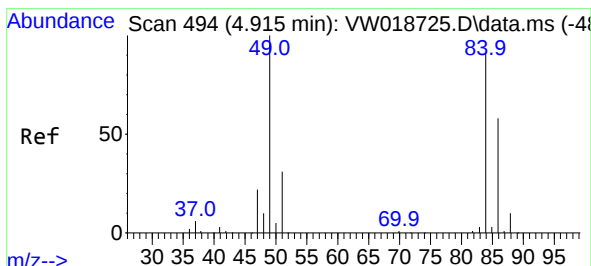
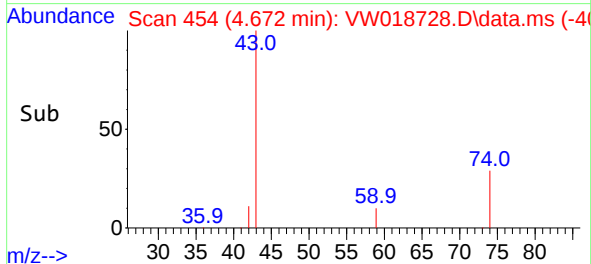
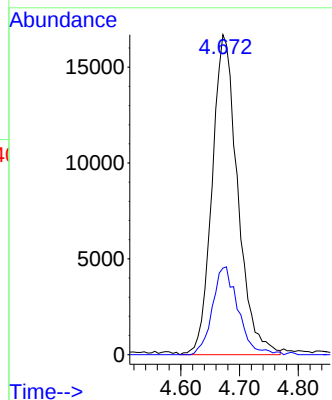
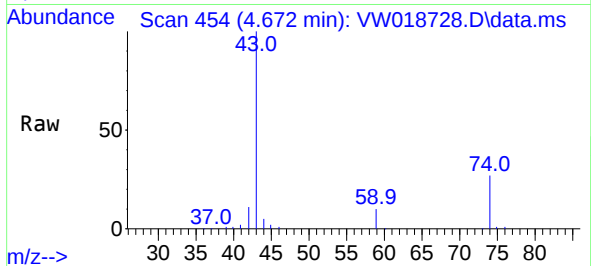




#15  
Methyl Acetate  
Concen: 15.67 ug/L  
RT: 4.672 min Scan# 454  
Delta R.T. 0.000 min  
Lab File: VW018728.D  
Acq: 22 Apr 2021 11:54

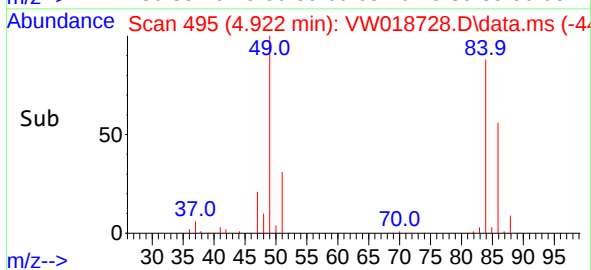
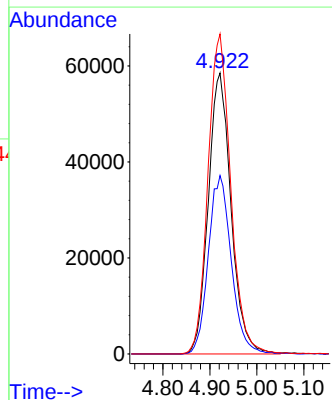
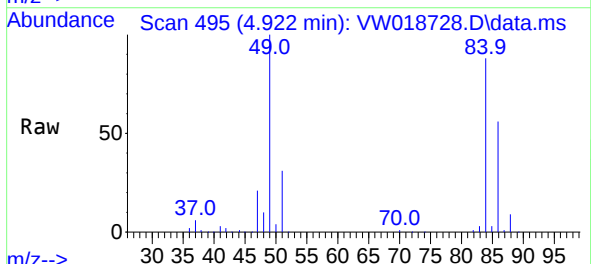
Instrument :  
MSVOA\_W  
ClientSampleId :  
E0AB9MS

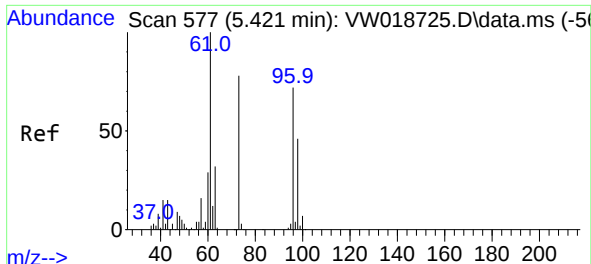
Tgt Ion: 43 Resp: 50478  
Ion Ratio Lower Upper  
43 100  
74 27.0 20.0 30.0



#16  
Methylene chloride  
Concen: 21.38 ug/L  
RT: 4.922 min Scan# 495  
Delta R.T. 0.006 min  
Lab File: VW018728.D  
Acq: 22 Apr 2021 11:54

Tgt Ion: 84 Resp: 197108  
Ion Ratio Lower Upper  
84 100  
86 63.5 45.3 84.1  
49 113.9 86.6 160.8

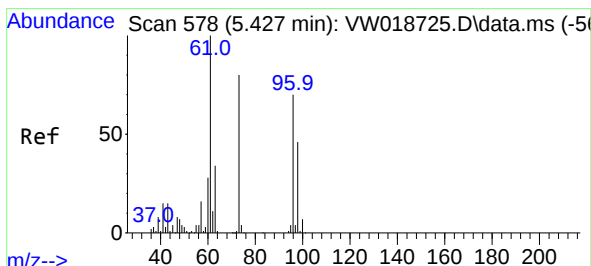
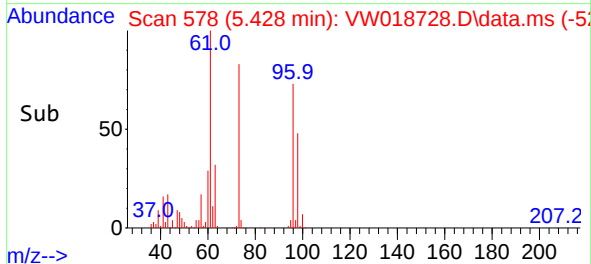
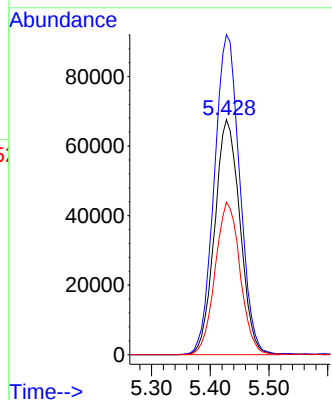
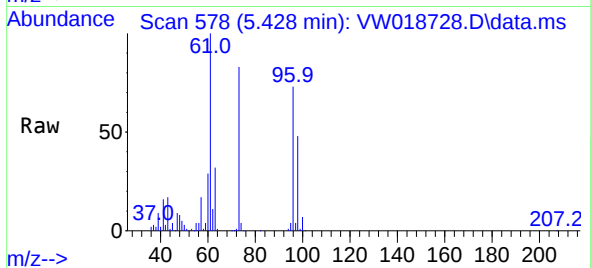




#17  
trans-1,2-Dichloroethene  
Concen: 25.46 ug/L  
RT: 5.428 min Scan# 578  
Delta R.T. 0.006 min  
Lab File: VW018728.D  
Acq: 22 Apr 2021 11:54

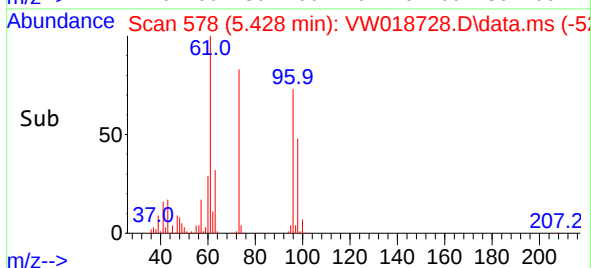
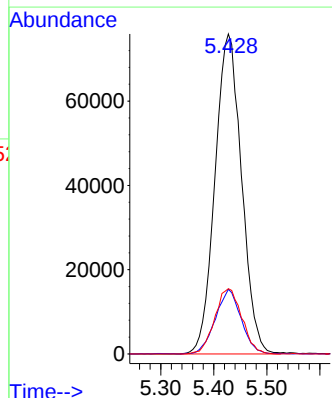
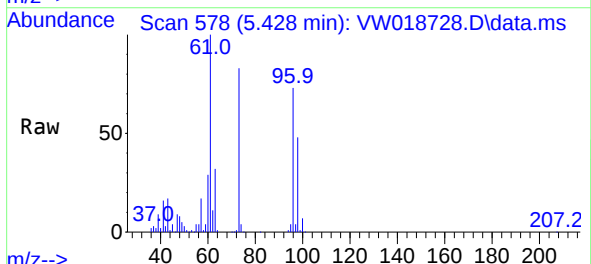
Instrument :  
MSVOA\_W  
ClientSampleId :  
E0AB9MS

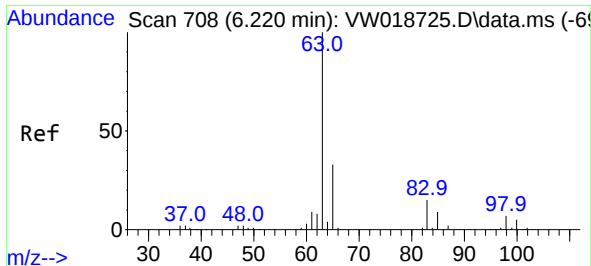
Tgt Ion: 96 Resp: 202529  
Ion Ratio Lower Upper  
96 100  
61 136.1 98.3 182.7  
98 64.8 46.1 85.7



#18  
Methyl tert-butyl Ether  
Concen: 24.83 ug/L  
RT: 5.428 min Scan# 578  
Delta R.T. 0.000 min  
Lab File: VW018728.D  
Acq: 22 Apr 2021 11:54

Tgt Ion: 73 Resp: 264264  
Ion Ratio Lower Upper  
73 100  
43 19.4 17.7 26.5  
57 20.7 17.0 25.4



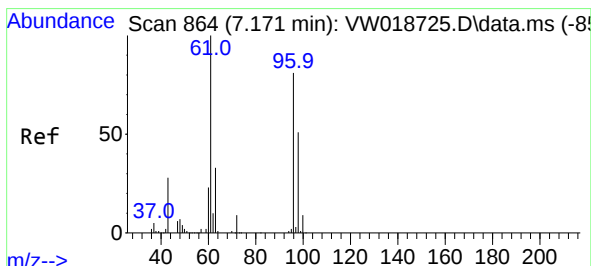
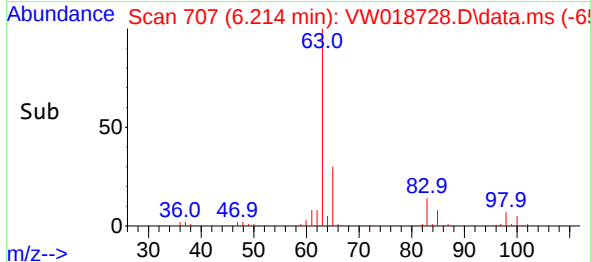
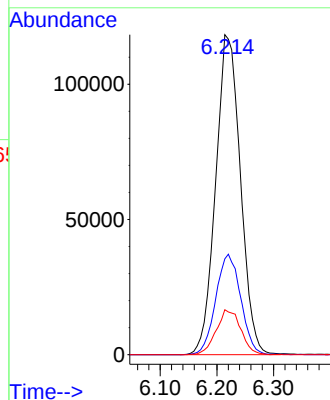
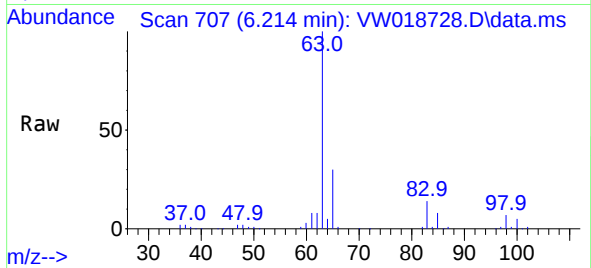


#19  
1,1-Dichloroethane  
Concen: 24.55 ug/L  
RT: 6.214 min Scan# 707  
Delta R.T. -0.006 min  
Lab File: VW018728.D  
Acq: 22 Apr 2021 11:54

Instrument :  
MSVOA\_W  
ClientSampleId :  
E0AB9MS

Tgt Ion: 63 Resp: 359179

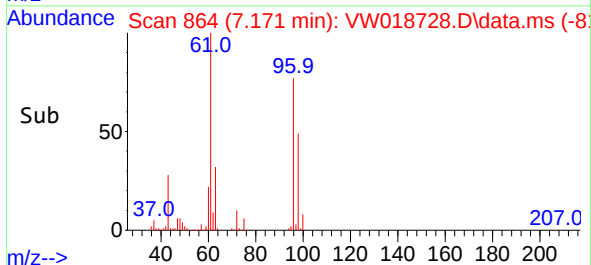
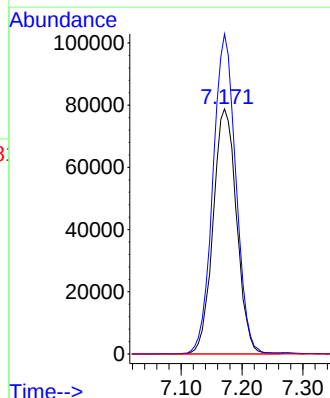
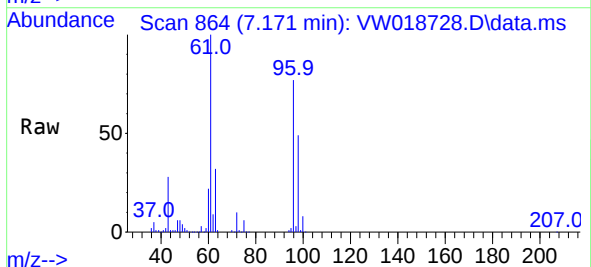
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 63  | 100   |       |       |
| 65  | 30.0  | 22.9  | 42.5  |
| 83  | 14.1  | 10.2  | 19.0  |

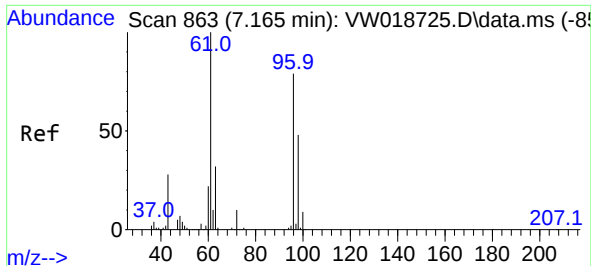


#20  
cis-1,2-Dichloroethene  
Concen: 24.90 ug/L  
RT: 7.171 min Scan# 864  
Delta R.T. 0.000 min  
Lab File: VW018728.D  
Acq: 22 Apr 2021 11:54

Tgt Ion: 96 Resp: 210694

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 130.6 | 88.5  | 164.3 |
| 68  | 0.0   | 0.0   | 0.0   |

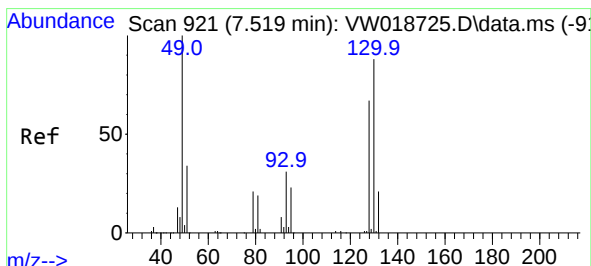
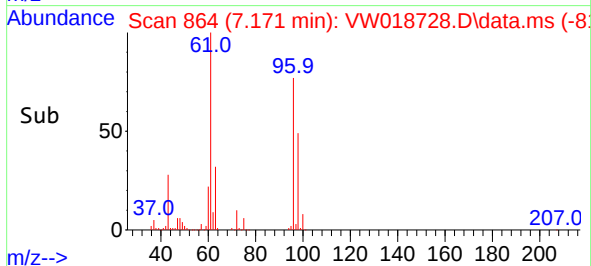
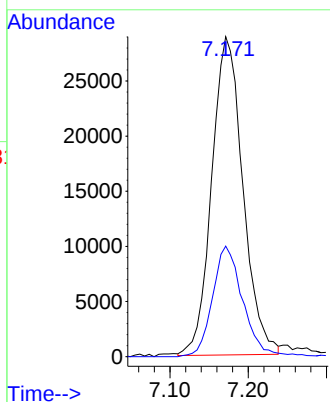
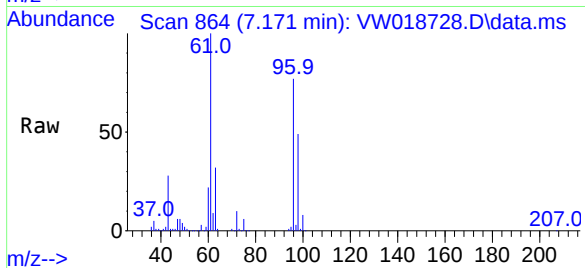




#22  
2-Butanone  
Concen: 37.24 ug/L  
RT: 7.171 min Scan# 864  
Delta R.T. 0.006 min  
Lab File: VW018728.D  
Acq: 22 Apr 2021 11:54

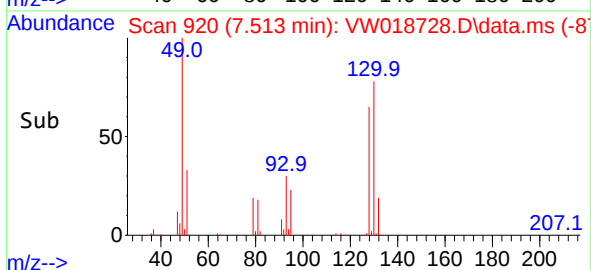
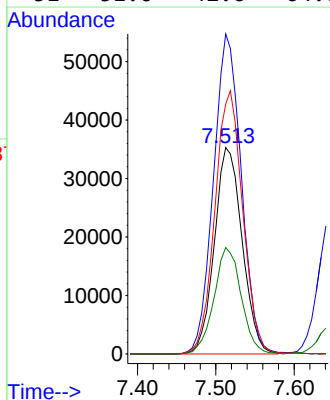
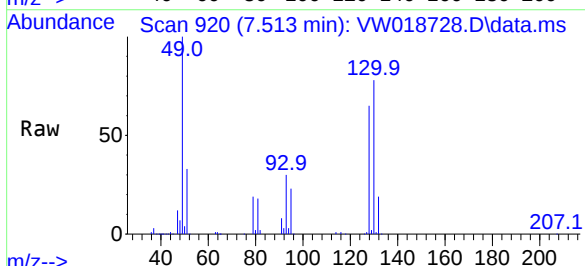
Instrument :  
MSVOA\_W  
ClientSampled :  
E0AB9MS

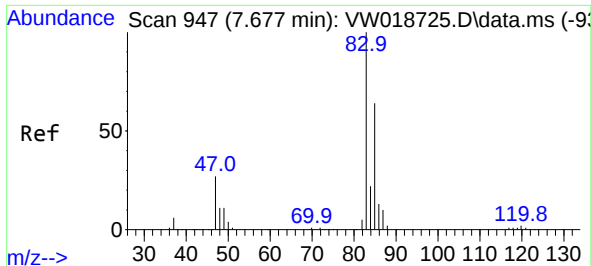
Tgt Ion: 43 Resp: 79938  
Ion Ratio Lower Upper  
43 100  
72 33.4 14.9 44.7



#23  
Bromochloromethane  
Concen: 23.75 ug/L  
RT: 7.513 min Scan# 920  
Delta R.T. -0.006 min  
Lab File: VW018728.D  
Acq: 22 Apr 2021 11:54

Tgt Ion: 128 Resp: 87008  
Ion Ratio Lower Upper  
128 100  
49 155.0 116.3 215.9  
130 121.0 82.4 153.0  
51 51.6 42.6 64.0

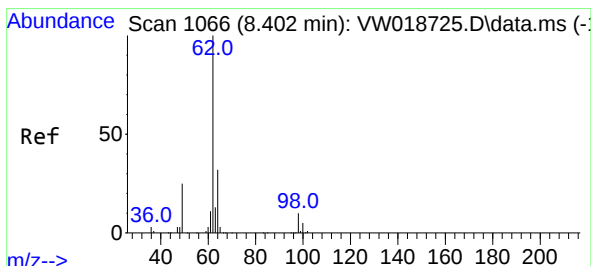
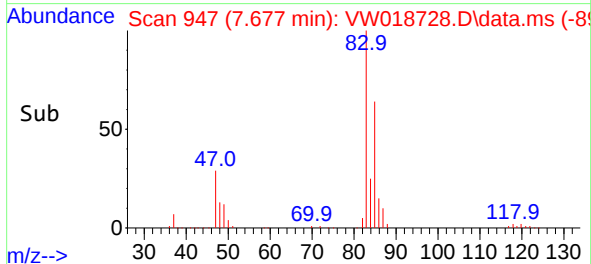
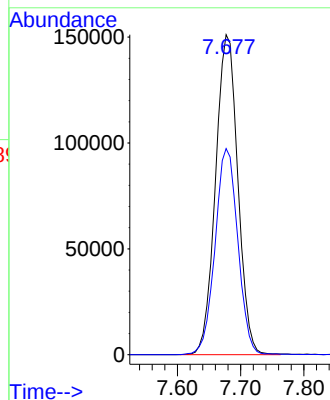
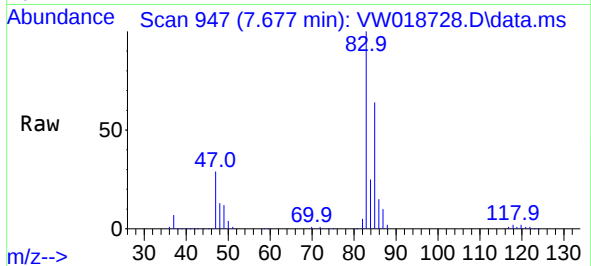




#25  
Chloroform  
Concen: 24.89 ug/L  
RT: 7.677 min Scan# 947  
Delta R.T. 0.000 min  
Lab File: VW018728.D  
Acq: 22 Apr 2021 11:54

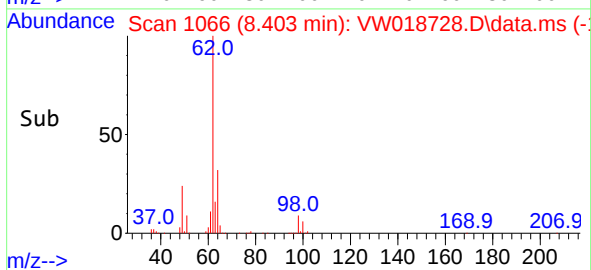
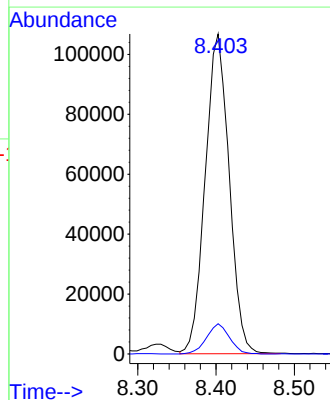
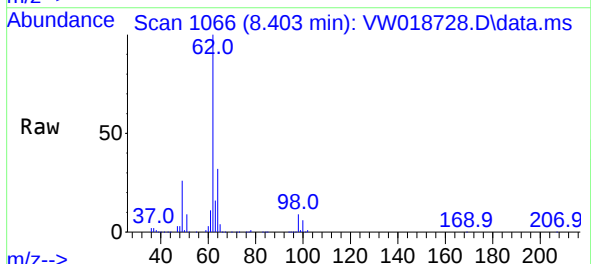
Instrument :  
MSVOA\_W  
ClientSampleId :  
E0AB9MS

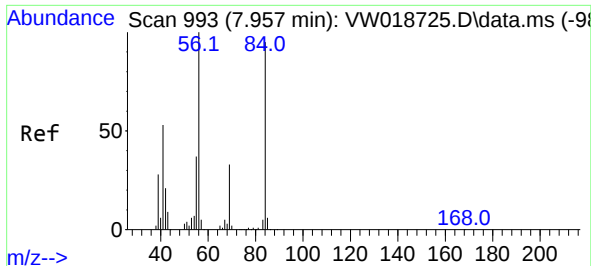
Tgt Ion: 83 Resp: 369577  
Ion Ratio Lower Upper  
83 100  
85 64.4 44.6 82.8



#27  
1,2-Dichloroethane  
Concen: 22.47 ug/L  
RT: 8.403 min Scan# 1066  
Delta R.T. 0.000 min  
Lab File: VW018728.D  
Acq: 22 Apr 2021 11:54

Tgt Ion: 62 Resp: 227087  
Ion Ratio Lower Upper  
62 100  
98 9.4 6.9 10.3

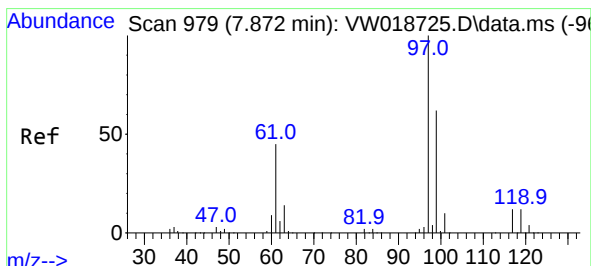
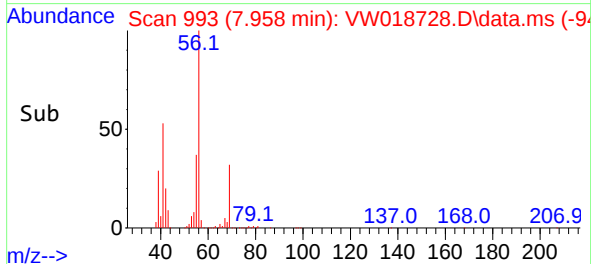
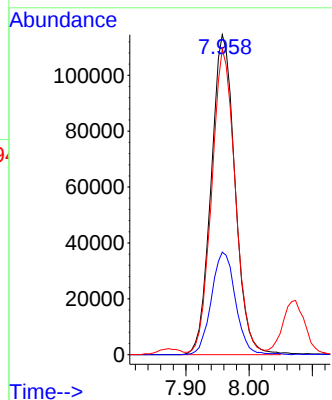
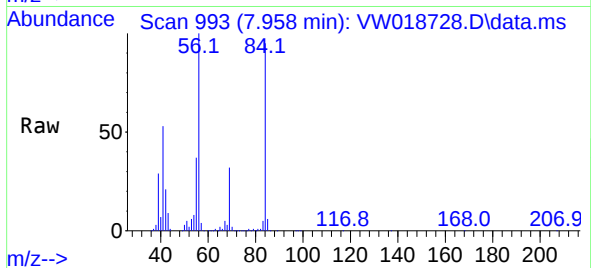




#29  
Cyclohexane  
Concen: 28.61 ug/L  
RT: 7.958 min Scan# 993  
Delta R.T. 0.000 min  
Lab File: VW018728.D  
Acq: 22 Apr 2021 11:54

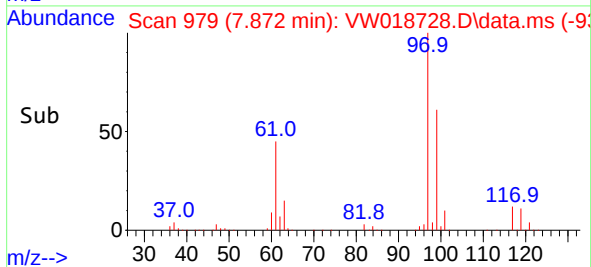
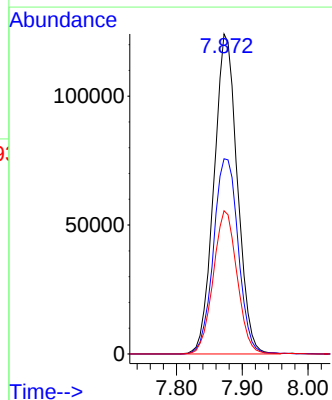
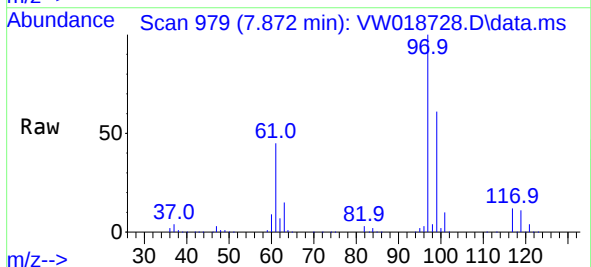
Instrument :  
MSVOA\_W  
ClientSampleId :  
E0AB9MS

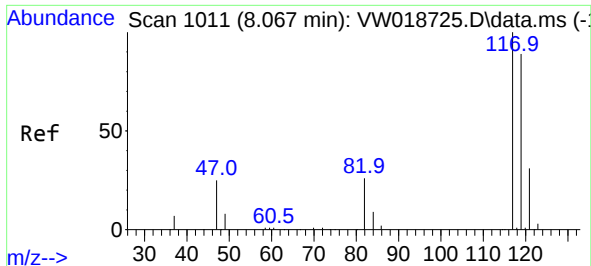
Tgt Ion: 56 Resp: 299694  
Ion Ratio Lower Upper  
56 100  
69 32.3 24.5 36.7  
84 93.9 75.0 112.4



#30  
1,1,1-Trichloroethane  
Concen: 33.03 ug/L  
RT: 7.872 min Scan# 979  
Delta R.T. 0.000 min  
Lab File: VW018728.D  
Acq: 22 Apr 2021 11:54

Tgt Ion: 97 Resp: 307393  
Ion Ratio Lower Upper  
97 100  
99 64.4 51.4 77.2  
61 45.6 37.8 56.6

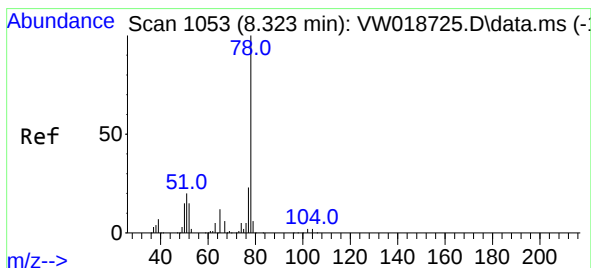
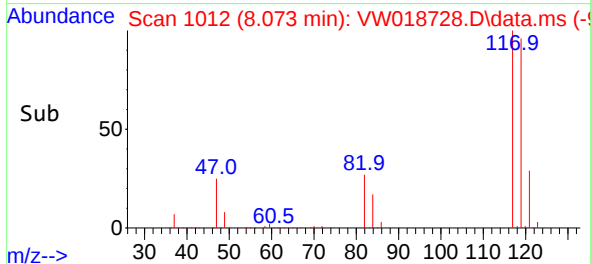
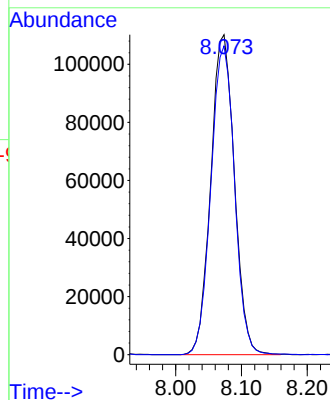
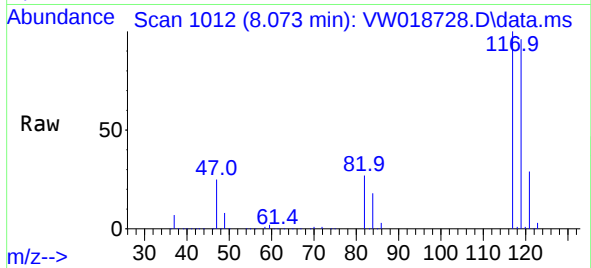




#31  
Carbon tetrachloride  
Concen: 32.87 ug/L  
RT: 8.073 min Scan# 1012  
Delta R.T. 0.006 min  
Lab File: VW018728.D  
Acq: 22 Apr 2021 11:54

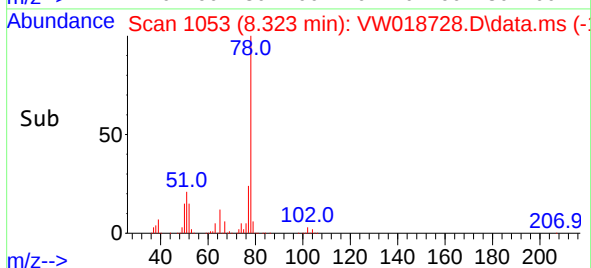
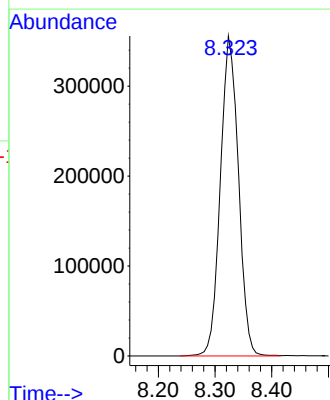
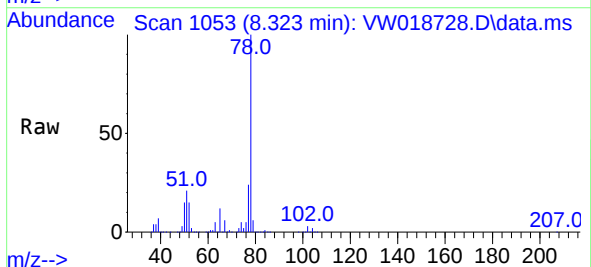
Instrument :  
MSVOA\_W  
ClientSampleId :  
E0AB9MS

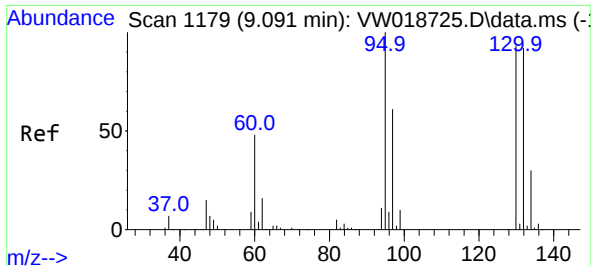
Tgt Ion:117 Resp: 275838  
Ion Ratio Lower Upper  
117 100  
119 96.3 76.5 114.7



#33  
Benzene  
Concen: 29.50 ug/L  
RT: 8.323 min Scan# 1053  
Delta R.T. 0.000 min  
Lab File: VW018728.D  
Acq: 22 Apr 2021 11:54

Tgt Ion: 78 Resp: 787887

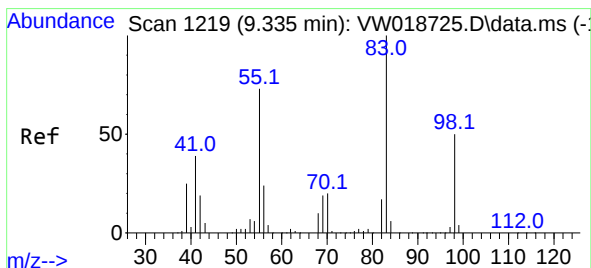
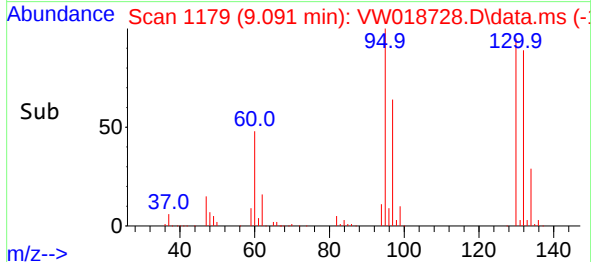
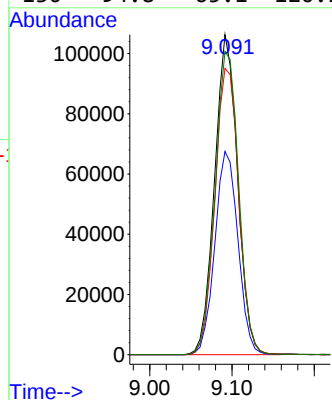
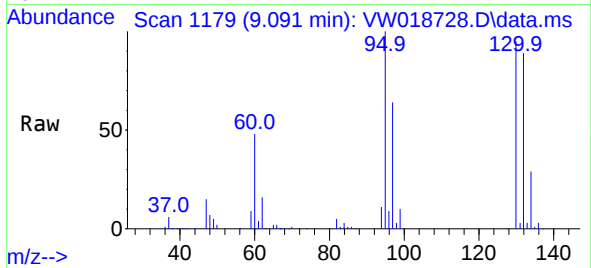




#34  
Trichloroethene  
Concen: 30.01 ug/L  
RT: 9.091 min Scan# 1179  
Delta R.T. 0.000 min  
Lab File: VW018728.D  
Acq: 22 Apr 2021 11:54

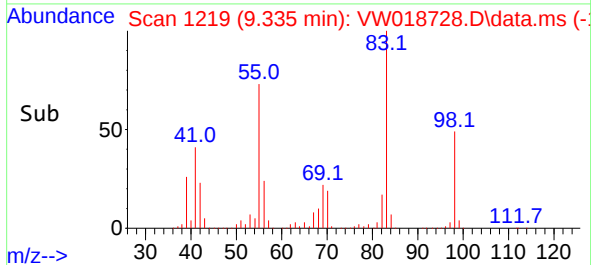
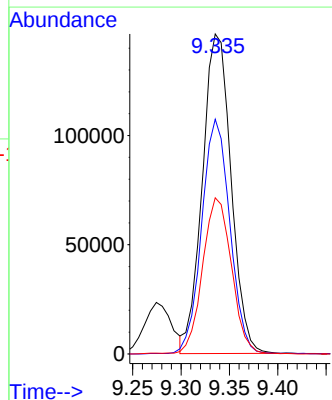
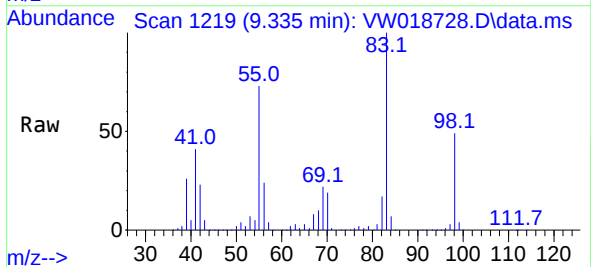
Instrument :  
MSVOA\_W  
ClientSampleId :  
E0AB9MS

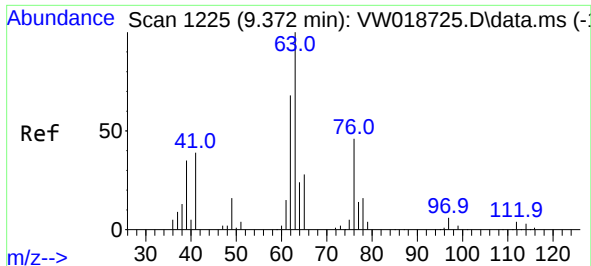
Tgt Ion: 95 Resp: 206384  
Ion Ratio Lower Upper  
95 100  
97 63.5 47.3 87.8  
132 89.5 71.0 131.8  
130 94.8 65.1 120.9



#35  
Methylcyclohexane  
Concen: 25.26 ug/L  
RT: 9.335 min Scan# 1219  
Delta R.T. 0.000 min  
Lab File: VW018728.D  
Acq: 22 Apr 2021 11:54

Tgt Ion: 83 Resp: 301890  
Ion Ratio Lower Upper  
83 100  
55 72.2 58.9 88.3  
98 49.2 40.1 60.1

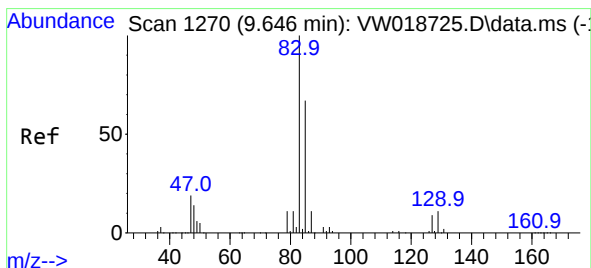
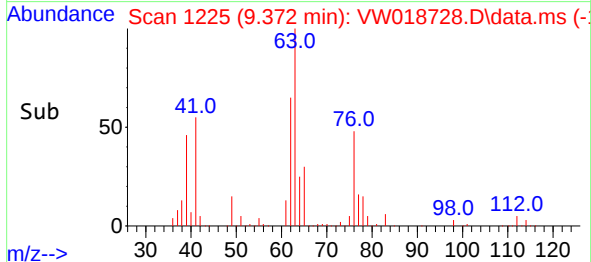
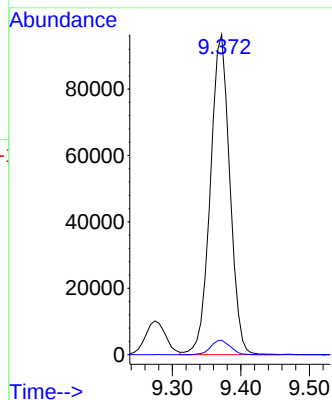
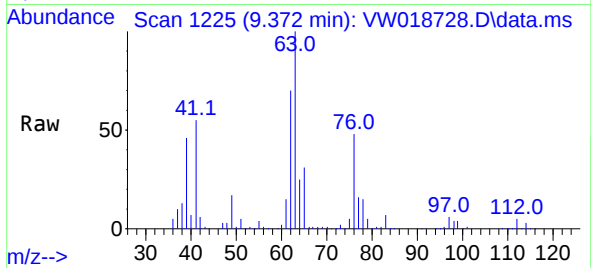




#37  
1,2-Dichloropropane  
Concen: 28.14 ug/L  
RT: 9.372 min Scan# 1225  
Delta R.T. 0.000 min  
Lab File: VW018728.D  
Acq: 22 Apr 2021 11:54

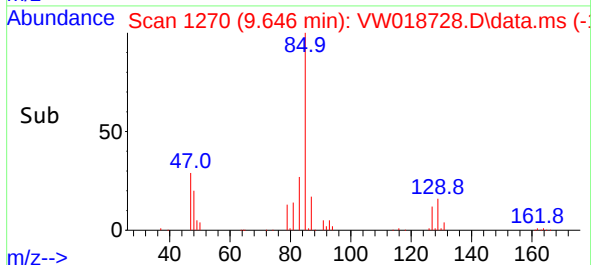
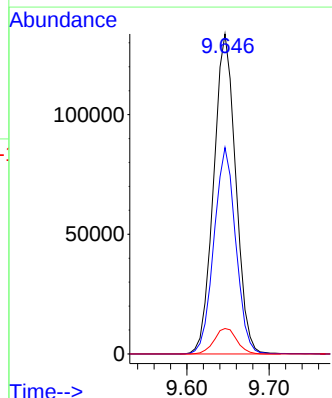
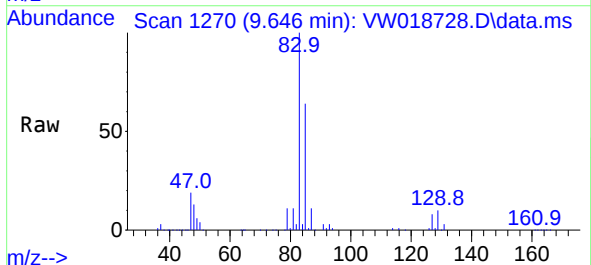
Instrument :  
MSVOA\_W  
ClientSampled :  
E0AB9MS

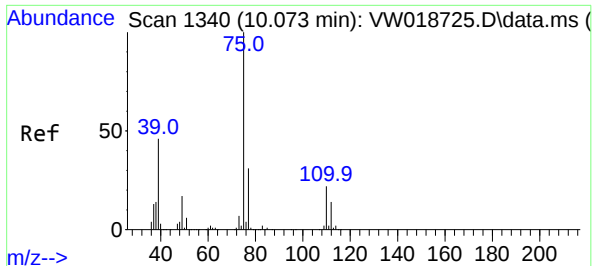
Tgt Ion: 63 Resp: 190320  
Ion Ratio Lower Upper  
63 100  
112 4.5 3.9 5.9



#38  
Bromodichloromethane  
Concen: 29.01 ug/L  
RT: 9.646 min Scan# 1270  
Delta R.T. 0.000 min  
Lab File: VW018728.D  
Acq: 22 Apr 2021 11:54

Tgt Ion: 83 Resp: 249622  
Ion Ratio Lower Upper  
83 100  
85 64.5 42.3 78.5  
127 8.0 6.6 9.8

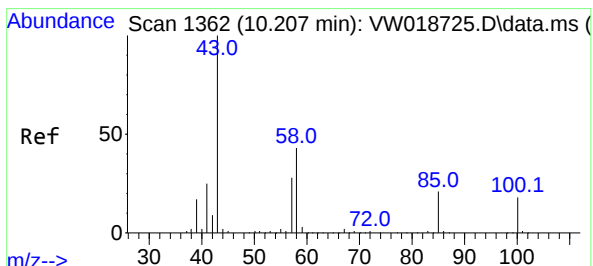
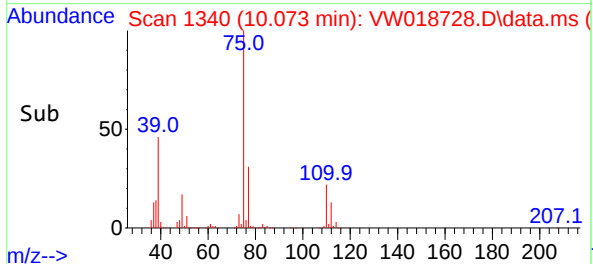
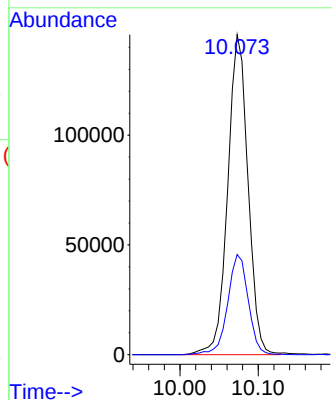
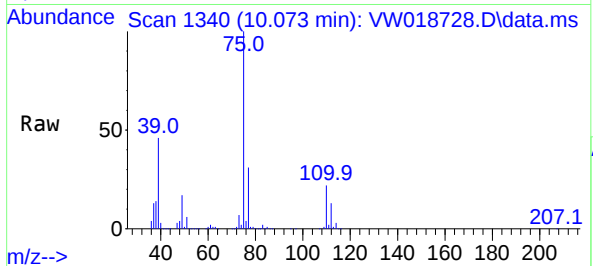




#39  
cis-1,3-Dichloropropene  
Concen: 26.11 ug/L  
RT: 10.073 min Scan# 1340  
Delta R.T. 0.000 min  
Lab File: VW018728.D  
Acq: 22 Apr 2021 11:54

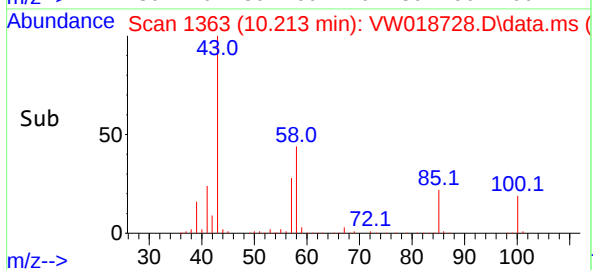
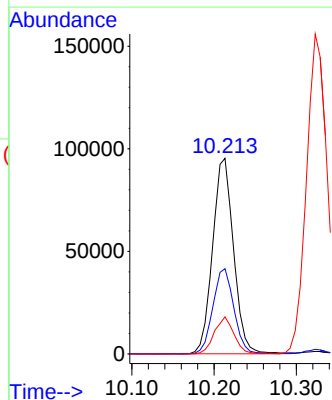
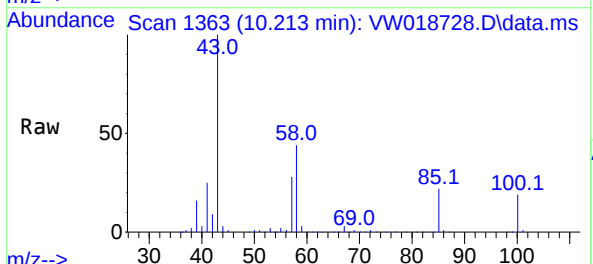
Instrument :  
MSVOA\_W  
ClientSampleId :  
E0AB9MS

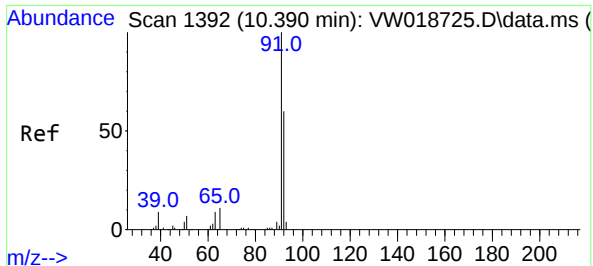
Tgt Ion: 75 Resp: 262086  
Ion Ratio Lower Upper  
75 100  
77 31.3 22.6 42.0



#40  
4-Methyl-2-pentanone  
Concen: 40.64 ug/L  
RT: 10.213 min Scan# 1363  
Delta R.T. 0.006 min  
Lab File: VW018728.D  
Acq: 22 Apr 2021 11:54

Tgt Ion: 43 Resp: 168793  
Ion Ratio Lower Upper  
43 100  
58 43.8 31.0 46.4  
100 17.8 13.0 19.6

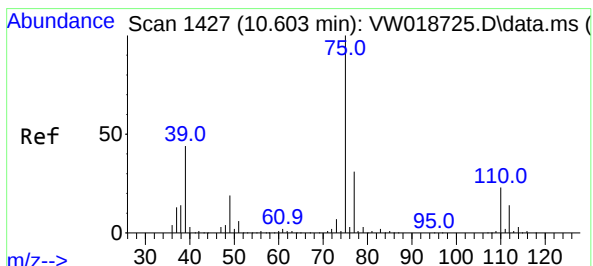
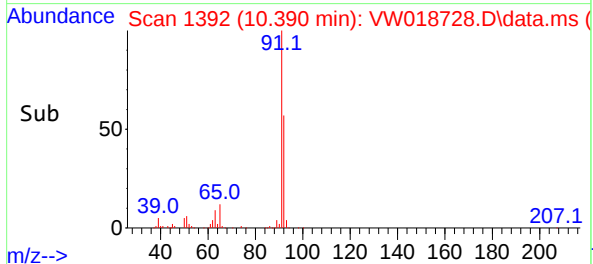
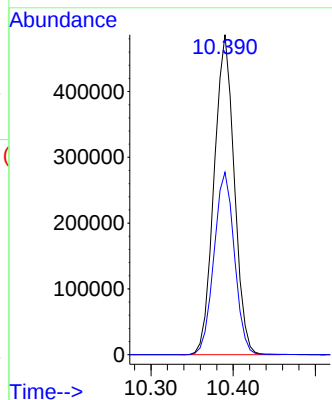
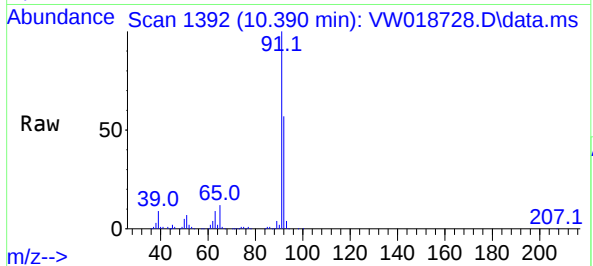




#42  
Toluene  
Concen: 28.84 ug/L  
RT: 10.390 min Scan# 1392  
Delta R.T. 0.000 min  
Lab File: VW018728.D  
Acq: 22 Apr 2021 11:54

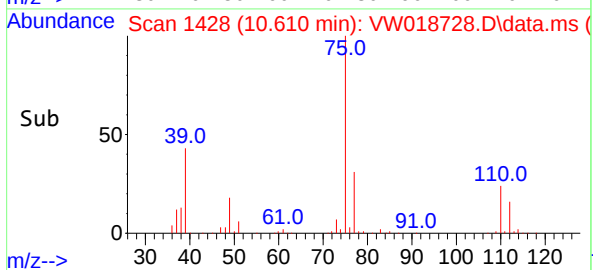
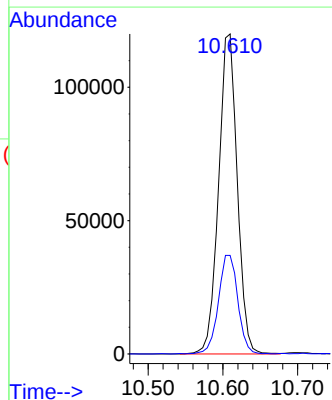
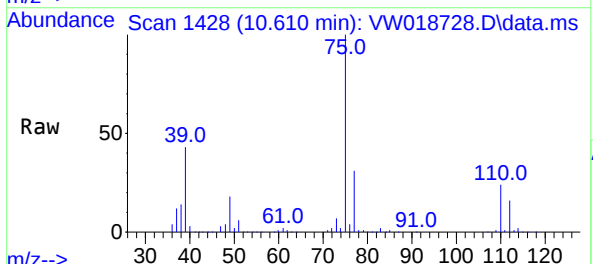
Instrument :  
MSVOA\_W  
ClientSampled :  
E0AB9MS

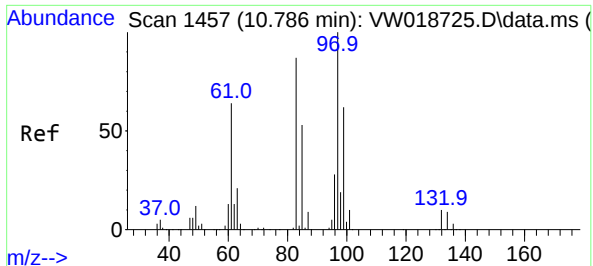
Tgt Ion: 91 Resp: 826761  
Ion Ratio Lower Upper  
91 100  
92 57.0 39.5 73.3



#44  
trans-1,3-Dichloropropene  
Concen: 23.80 ug/L  
RT: 10.610 min Scan# 1428  
Delta R.T. 0.006 min  
Lab File: VW018728.D  
Acq: 22 Apr 2021 11:54

Tgt Ion: 75 Resp: 208504  
Ion Ratio Lower Upper  
75 100  
77 30.8 21.1 39.1



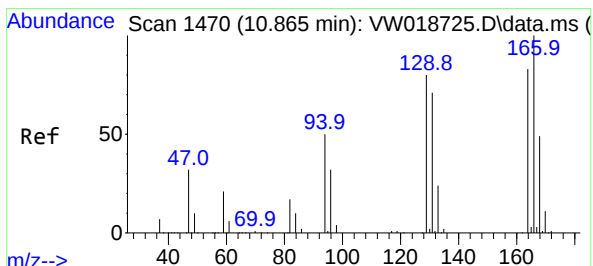
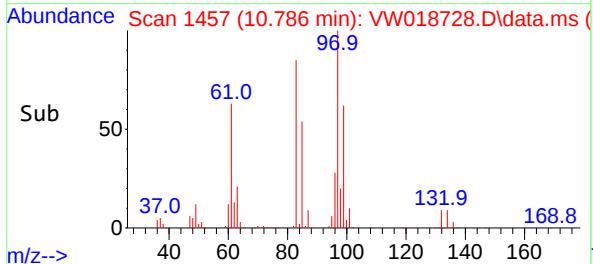
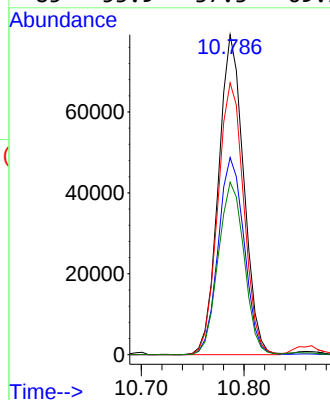
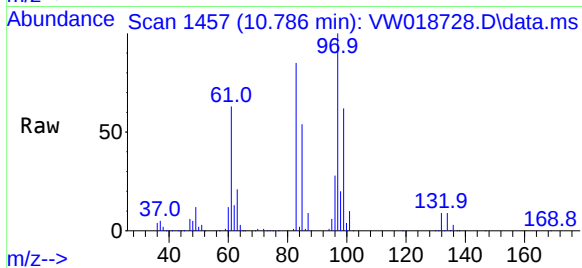


#45  
1,1,2-Trichloroethane  
Concen: 26.88 ug/L  
RT: 10.786 min Scan# 1457  
Delta R.T. 0.000 min  
Lab File: VW018728.D  
Acq: 22 Apr 2021 11:54

Instrument :  
MSVOA\_W  
ClientSampleId :  
E0AB9MS

Tgt Ion: 97 Resp: 134813

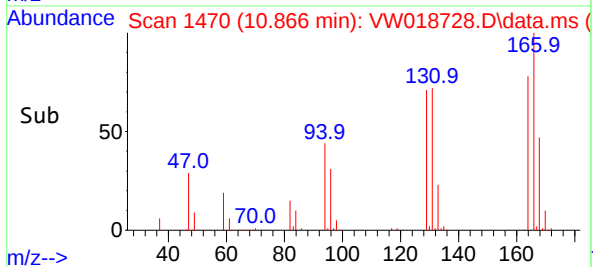
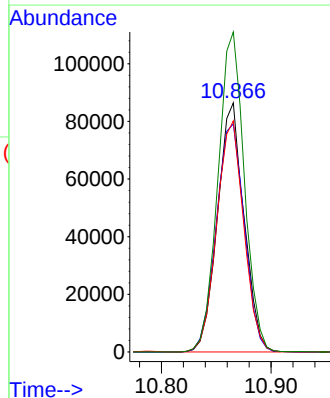
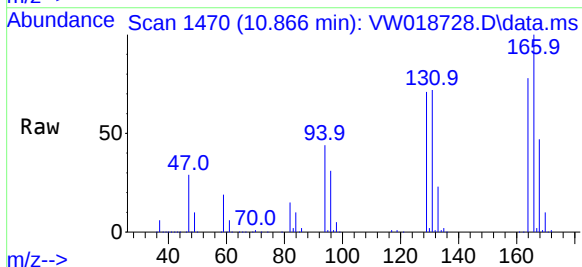
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 99  | 61.6  | 45.1  | 83.7  |
| 83  | 85.0  | 58.1  | 107.9 |
| 85  | 53.9  | 37.3  | 69.3  |

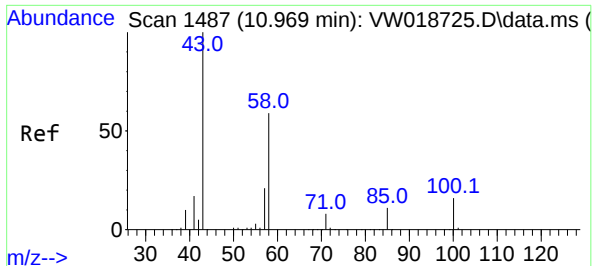


#46  
Tetrachloroethene  
Concen: 29.86 ug/L  
RT: 10.866 min Scan# 1470  
Delta R.T. 0.000 min  
Lab File: VW018728.D  
Acq: 22 Apr 2021 11:54

Tgt Ion:164 Resp: 145097

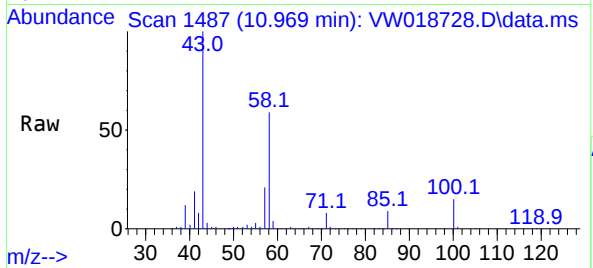
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 129 | 91.5  | 66.7  | 123.9 |
| 131 | 92.8  | 61.1  | 113.5 |
| 166 | 128.5 | 87.0  | 161.6 |



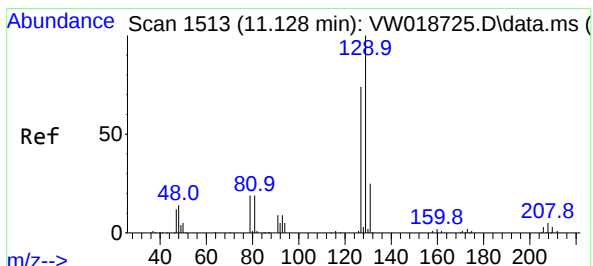
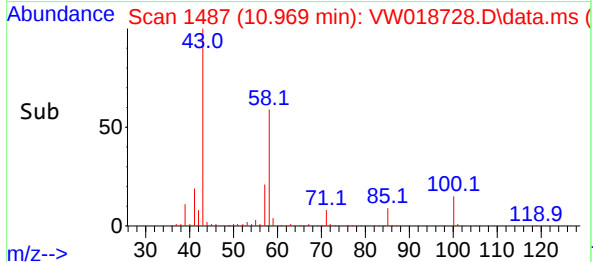
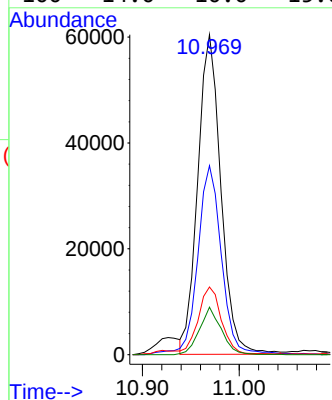


#48  
2-Hexanone  
Concen: 38.36 ug/L  
RT: 10.969 min Scan# 1487  
Delta R.T. 0.000 min  
Lab File: VW018728.D  
Acq: 22 Apr 2021 11:54

Instrument :  
MSVOA\_W  
ClientSampleId :  
E0AB9MS

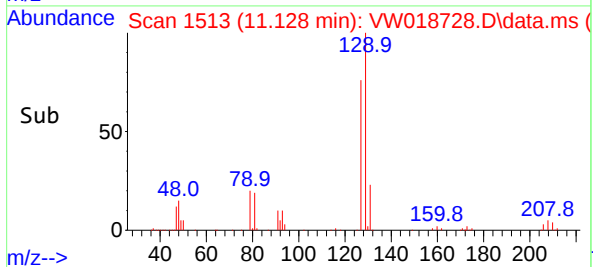
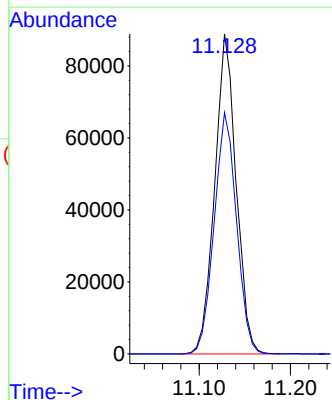
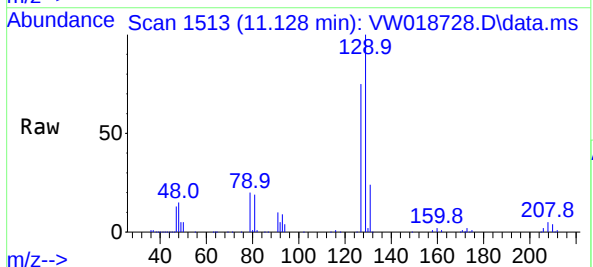


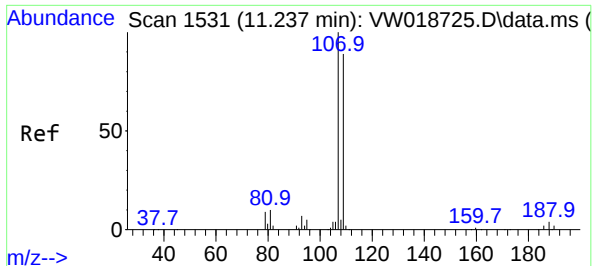
Tgt Ion: 43 Resp: 100715  
Ion Ratio Lower Upper  
43 100  
58 60.7 42.7 64.1  
57 21.1 15.8 23.8  
100 14.0 10.0 15.0



#49  
Dibromochloromethane  
Concen: 27.14 ug/L  
RT: 11.128 min Scan# 1513  
Delta R.T. 0.000 min  
Lab File: VW018728.D  
Acq: 22 Apr 2021 11:54

Tgt Ion: 129 Resp: 145067  
Ion Ratio Lower Upper  
129 100  
127 75.4 51.7 95.9

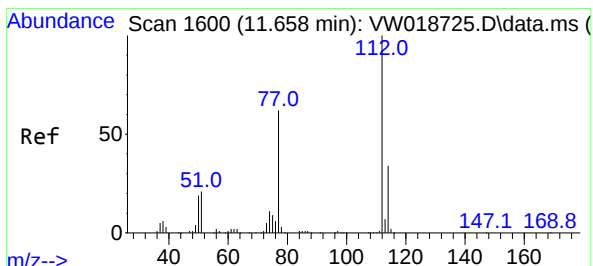
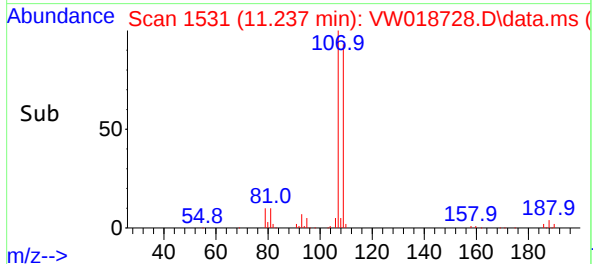
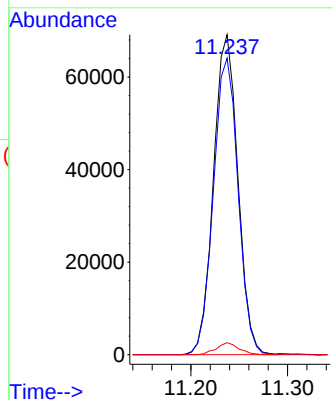
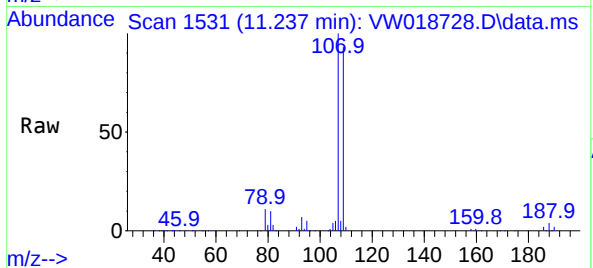




#50  
1,2-Dibromoethane  
Concen: 25.35 ug/L  
RT: 11.237 min Scan# 1531  
Delta R.T. 0.000 min  
Lab File: VW018728.D  
Acq: 22 Apr 2021 11:54

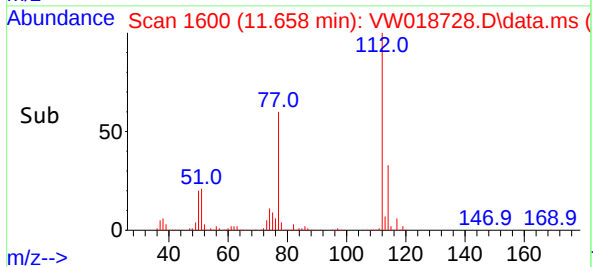
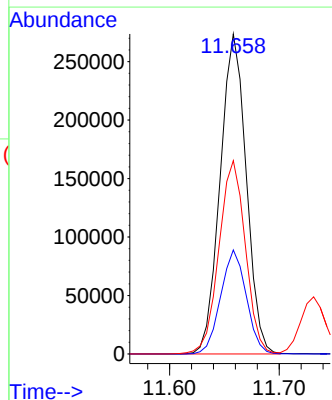
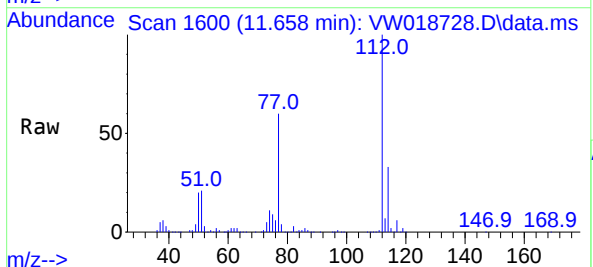
Instrument :  
MSVOA\_W  
ClientSampleId :  
E0AB9MS

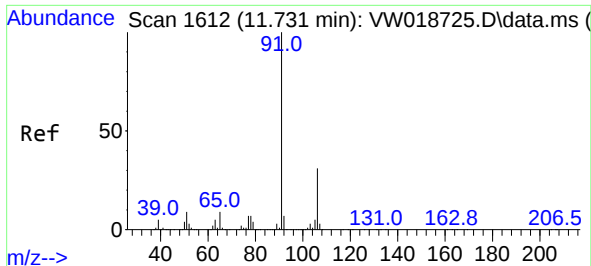
Tgt Ion:107 Resp: 120967  
Ion Ratio Lower Upper  
107 100  
109 92.7 65.4 121.4  
188 3.7 2.6 4.0



#51  
Chlorobenzene  
Concen: 25.65 ug/L  
RT: 11.658 min Scan# 1600  
Delta R.T. 0.000 min  
Lab File: VW018728.D  
Acq: 22 Apr 2021 11:54

Tgt Ion:112 Resp: 452827  
Ion Ratio Lower Upper  
112 100  
114 32.5 23.4 43.6  
77 60.4 47.6 71.4

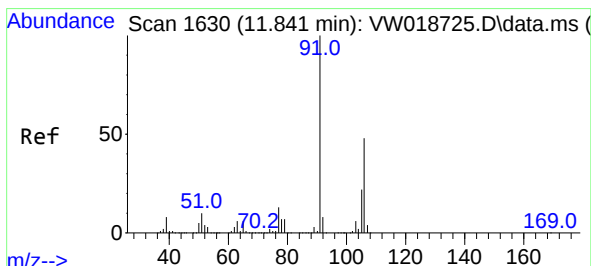
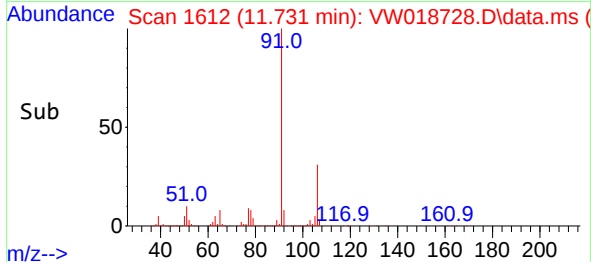
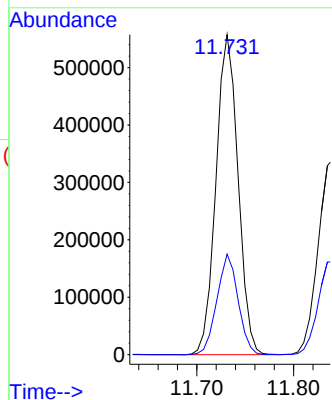
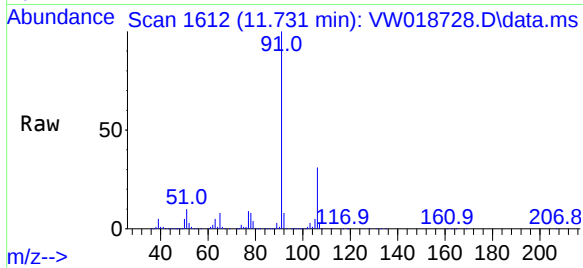




#52  
Ethylbenzene  
Concen: 27.86 ug/L  
RT: 11.731 min Scan# 1612  
Delta R.T. 0.000 min  
Lab File: VW018728.D  
Acq: 22 Apr 2021 11:54

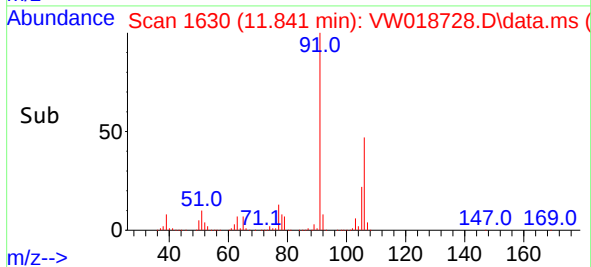
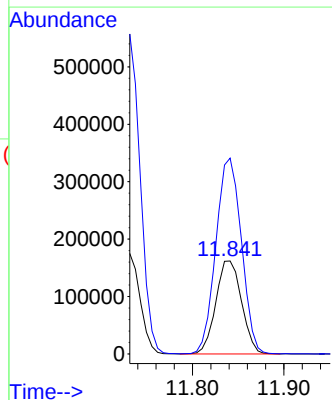
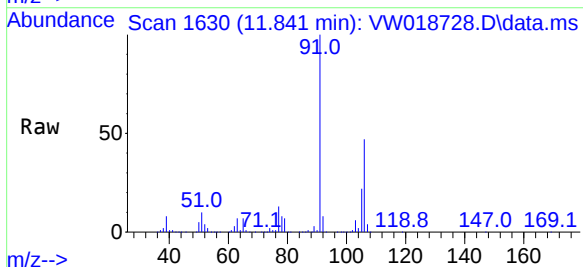
Instrument :  
MSVOA\_W  
ClientSampled :  
E0AB9MS

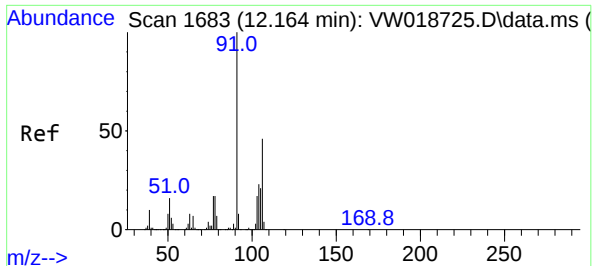
Tgt Ion: 91 Resp: 882166  
Ion Ratio Lower Upper  
91 100  
106 31.4 22.5 41.7



#53  
m,p-Xylene  
Concen: 27.30 ug/L  
RT: 11.841 min Scan# 1630  
Delta R.T. 0.000 min  
Lab File: VW018728.D  
Acq: 22 Apr 2021 11:54

Tgt Ion:106 Resp: 317187  
Ion Ratio Lower Upper  
106 100  
91 210.6 141.3 262.3

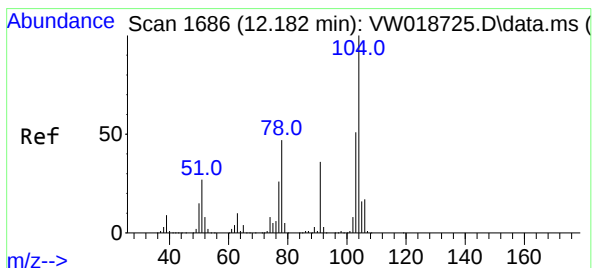
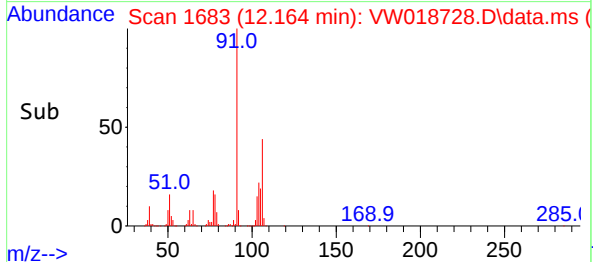
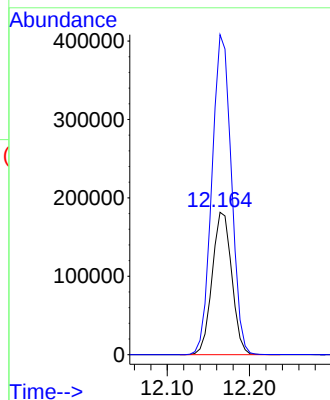
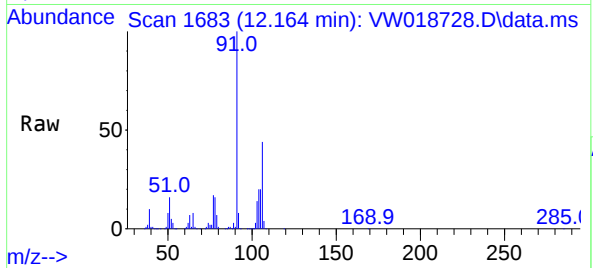




#54  
o-Xylene  
Concen: 26.92 ug/L  
RT: 12.164 min Scan# 1683  
Delta R.T. 0.000 min  
Lab File: VW018728.D  
Acq: 22 Apr 2021 11:54

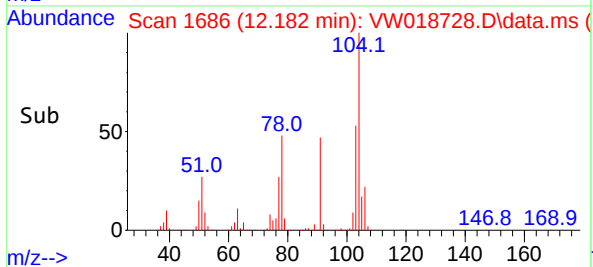
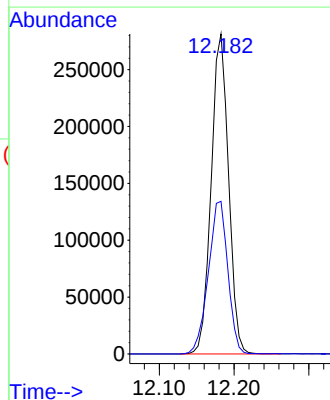
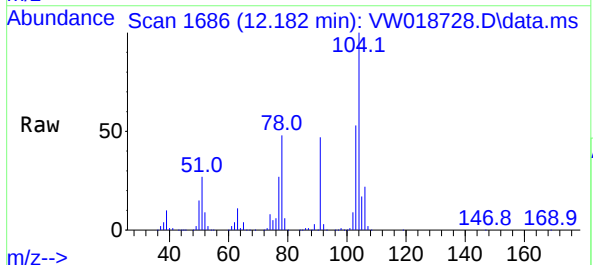
Instrument :  
MSVOA\_W  
ClientSampled :  
E0AB9MS

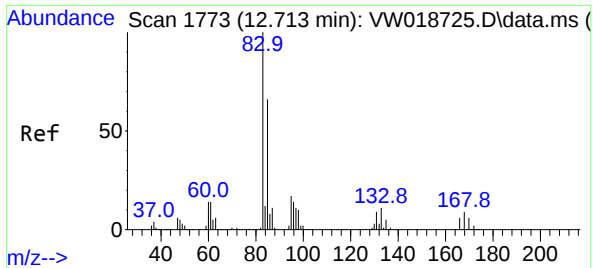
Tgt Ion:106 Resp: 300190  
Ion Ratio Lower Upper  
106 100  
91 224.8 150.0 278.6



#55  
Styrene  
Concen: 23.55 ug/L  
RT: 12.182 min Scan# 1686  
Delta R.T. 0.000 min  
Lab File: VW018728.D  
Acq: 22 Apr 2021 11:54

Tgt Ion:104 Resp: 454230  
Ion Ratio Lower Upper  
104 100  
78 47.7 32.5 60.3



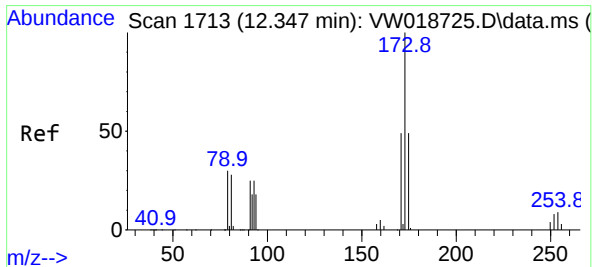
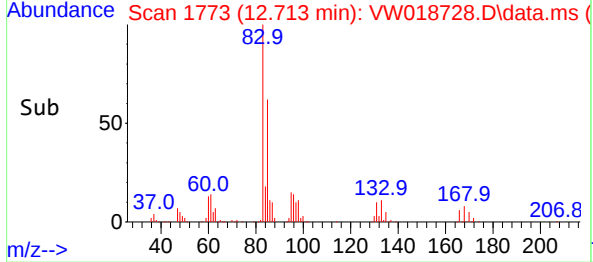
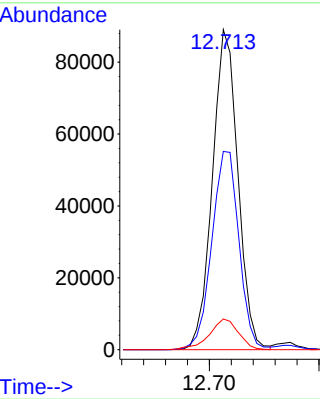
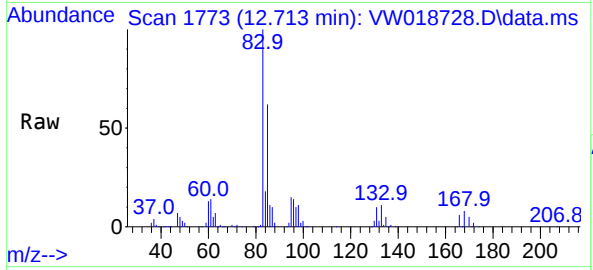


#57  
1,1,2,2-Tetrachloroethane  
Concen: 23.04 ug/L  
RT: 12.713 min Scan# 1773  
Delta R.T. 0.000 min  
Lab File: VW018728.D  
Acq: 22 Apr 2021 11:54

Instrument :  
MSVOA\_W  
ClientSampleId :  
E0AB9MS

Tgt Ion: 83 Resp: 143921

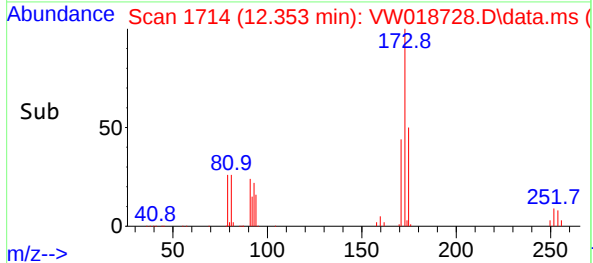
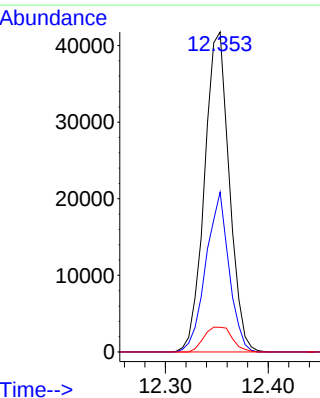
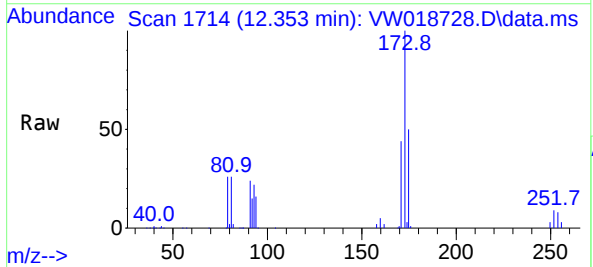
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 85  | 62.0  | 44.4  | 82.4  |
| 131 | 9.6   | 8.2   | 12.4  |

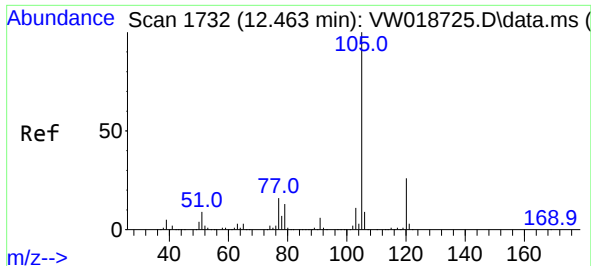


#59  
Bromoform  
Concen: 31.76 ug/L  
RT: 12.353 min Scan# 1714  
Delta R.T. 0.006 min  
Lab File: VW018728.D  
Acq: 22 Apr 2021 11:54

Tgt Ion: 173 Resp: 69829

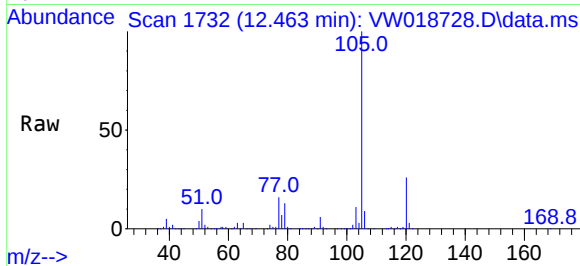
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 173 | 100   |       |       |
| 175 | 46.6  | 37.5  | 56.3  |
| 254 | 8.9   | 7.0   | 10.4  |



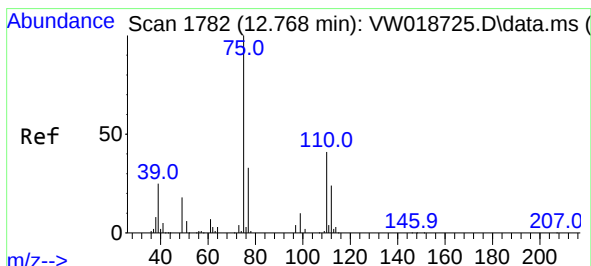
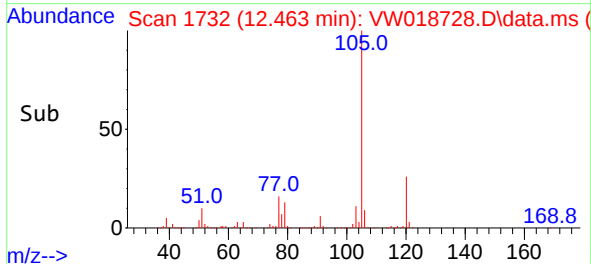
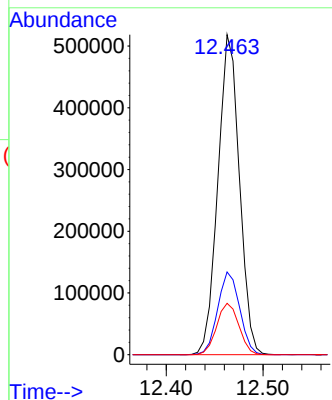


#60  
Isopropylbenzene  
Concen: 35.25 ug/L  
RT: 12.463 min Scan# 1732  
Delta R.T. 0.000 min  
Lab File: VW018728.D  
Acq: 22 Apr 2021 11:54

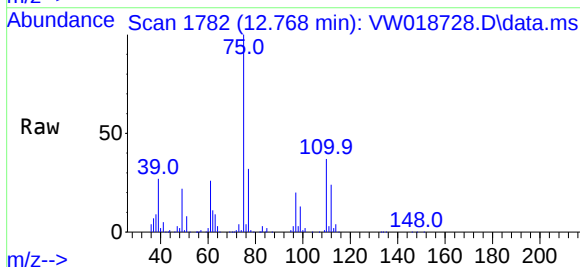
Instrument :  
MSVOA\_W  
ClientSampleId :  
E0AB9MS



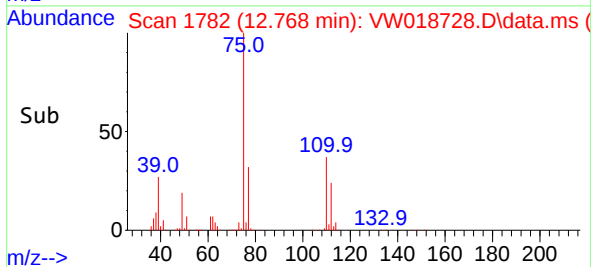
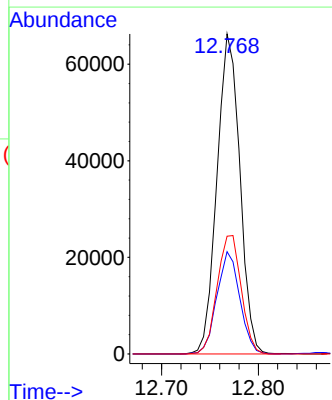
Tgt Ion:105 Resp: 799757  
Ion Ratio Lower Upper  
105 100  
120 26.3 21.1 31.7  
77 16.6 13.2 19.8

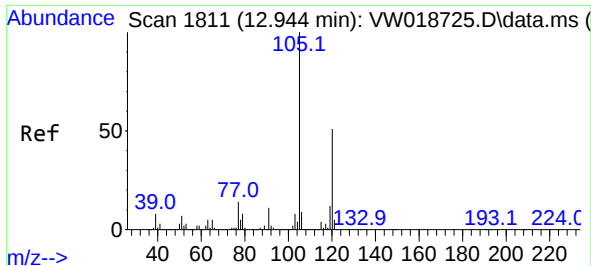


#61  
1,2,3-Trichloropropane  
Concen: 30.88 ug/L  
RT: 12.768 min Scan# 1782  
Delta R.T. 0.000 min  
Lab File: VW018728.D  
Acq: 22 Apr 2021 11:54



Tgt Ion: 75 Resp: 108818  
Ion Ratio Lower Upper  
75 100  
77 32.0 25.3 37.9  
110 38.9 32.6 48.8

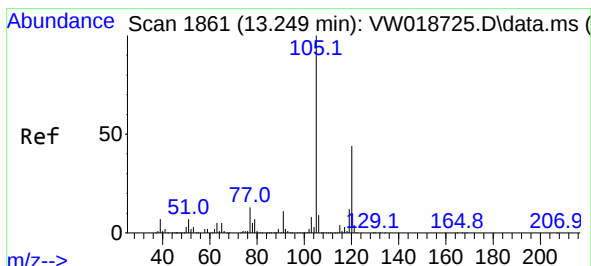
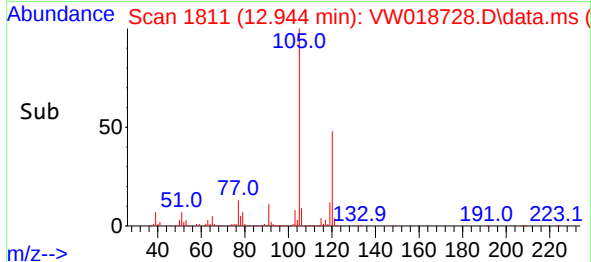
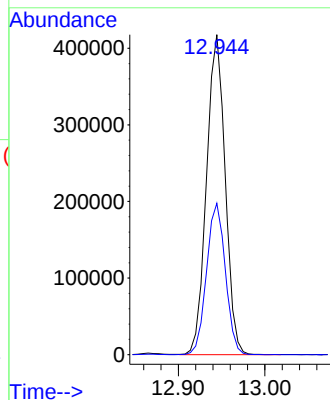
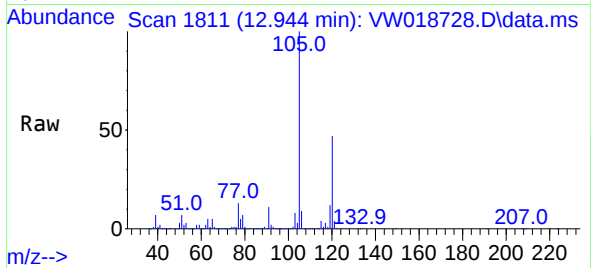




#62  
1,3,5-Trimethylbenzene  
Concen: 33.30 ug/L  
RT: 12.944 min Scan# 1811  
Delta R.T. 0.000 min  
Lab File: VW018728.D  
Acq: 22 Apr 2021 11:54

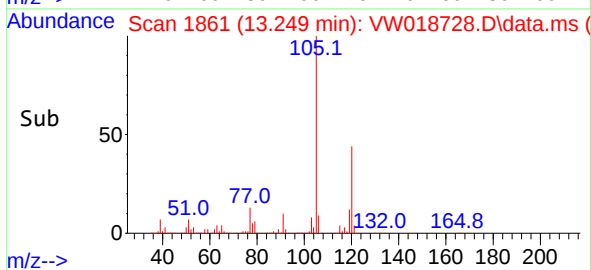
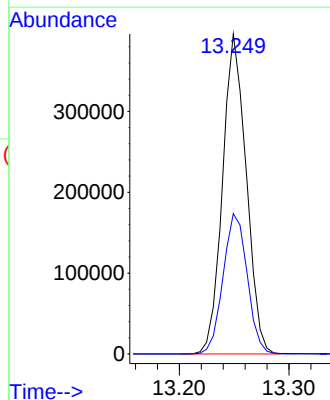
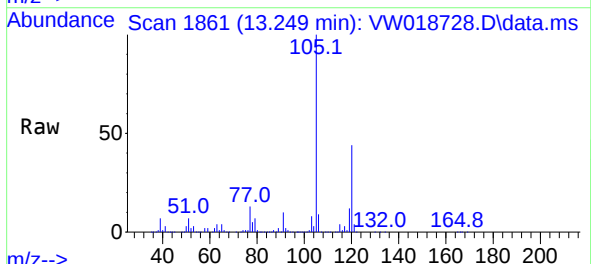
Instrument :  
MSVOA\_W  
ClientSampleId :  
E0AB9MS

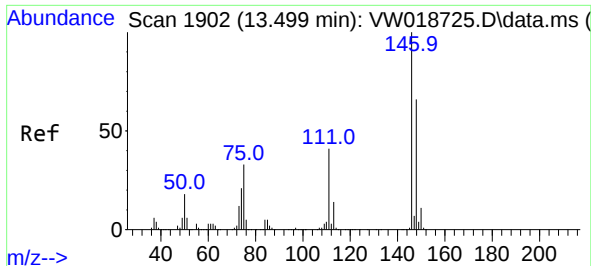
Tgt Ion:105 Resp: 625762  
Ion Ratio Lower Upper  
105 100  
120 47.6 39.0 58.6



#63  
1,2,4-Trimethylbenzene  
Concen: 31.64 ug/L  
RT: 13.249 min Scan# 1861  
Delta R.T. 0.000 min  
Lab File: VW018728.D  
Acq: 22 Apr 2021 11:54

Tgt Ion:105 Resp: 593397  
Ion Ratio Lower Upper  
105 100  
120 44.7 35.6 53.4

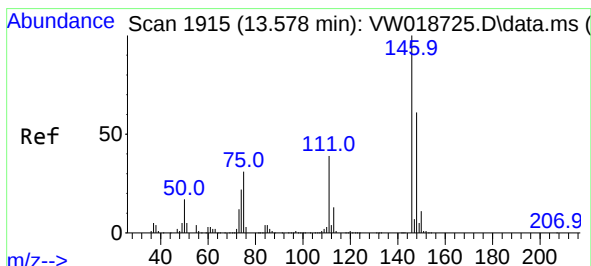
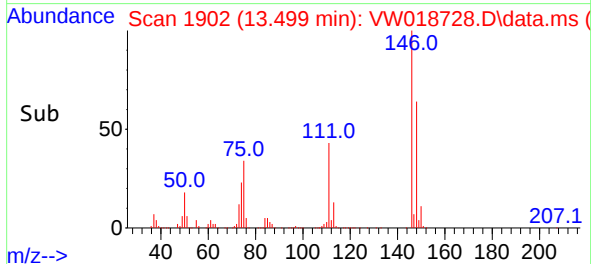
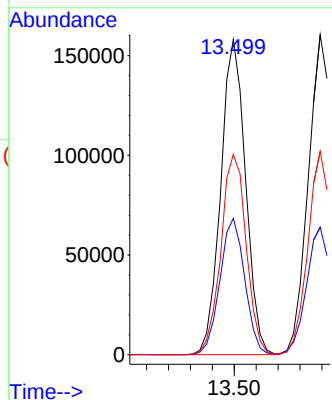
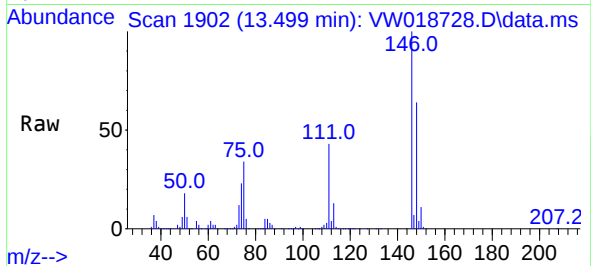




#64  
1,3-Dichlorobenzene  
Concen: 25.90 ug/L  
RT: 13.499 min Scan# 1902  
Delta R.T. 0.000 min  
Lab File: VW018728.D  
Acq: 22 Apr 2021 11:54

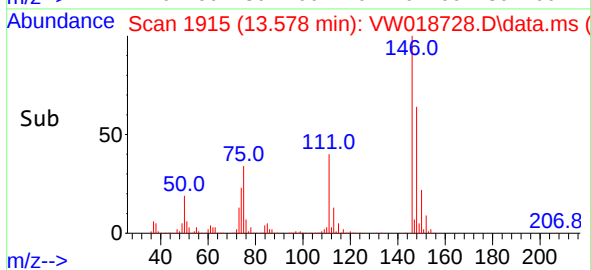
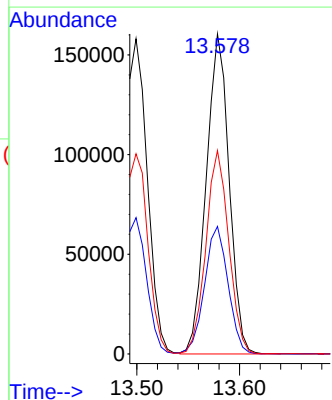
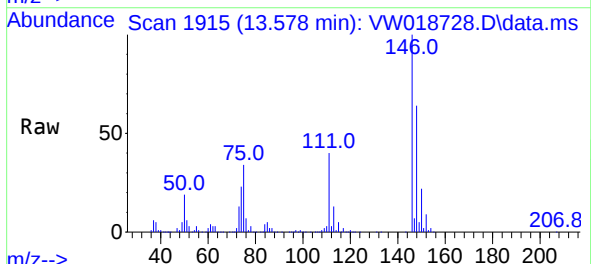
Instrument :  
MSVOA\_W  
ClientSampleId :  
E0AB9MS

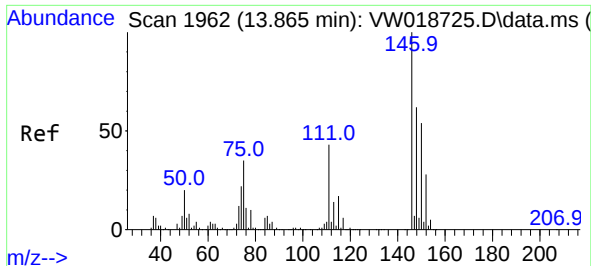
Tgt Ion:146 Resp: 248991  
Ion Ratio Lower Upper  
146 100  
111 43.2 26.7 49.7  
148 63.5 41.1 76.3



#65  
1,4-Dichlorobenzene  
Concen: 25.57 ug/L  
RT: 13.578 min Scan# 1915  
Delta R.T. 0.000 min  
Lab File: VW018728.D  
Acq: 22 Apr 2021 11:54

Tgt Ion:146 Resp: 248624  
Ion Ratio Lower Upper  
146 100  
111 39.9 28.8 53.4  
148 63.5 46.8 87.0



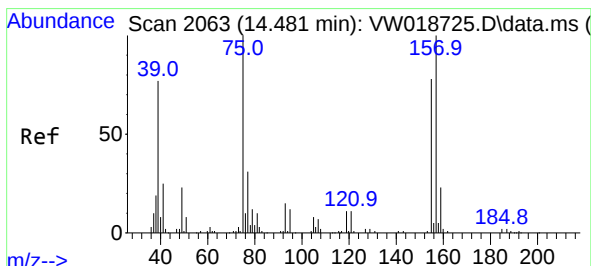
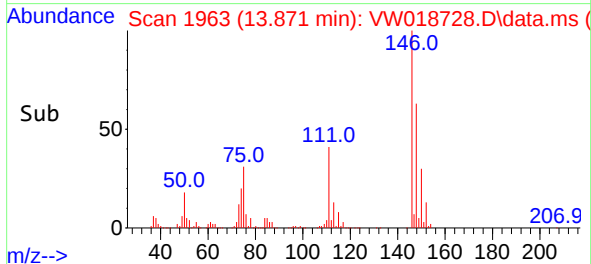
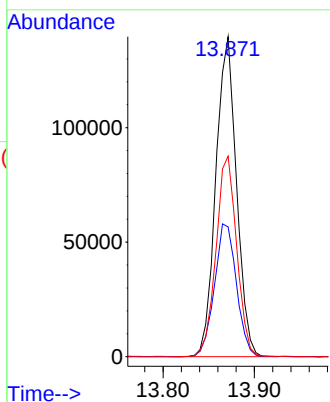
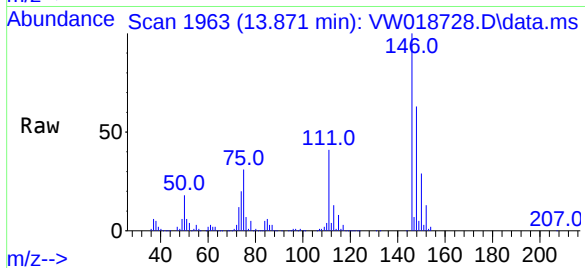


#67

1,2-Dichlorobenzene  
Concen: 24.82 ug/L  
RT: 13.871 min Scan# 1963  
Delta R.T. 0.006 min  
Lab File: VW018728.D  
Acq: 22 Apr 2021 11:54

Instrument :  
MSVOA\_W  
ClientSampleId :  
E0AB9MS

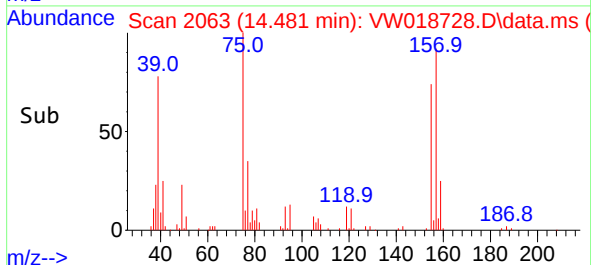
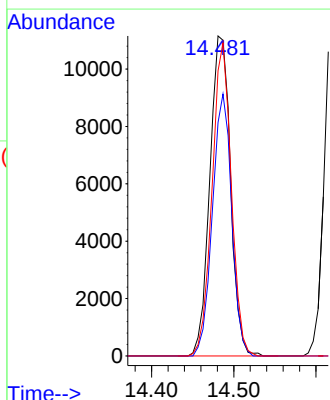
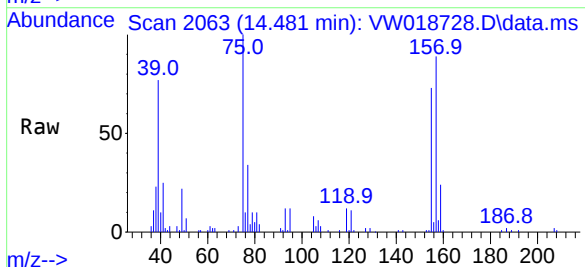
Tgt Ion:146 Resp: 219489  
Ion Ratio Lower Upper  
146 100  
111 40.6 33.2 49.8  
148 62.7 50.4 75.6

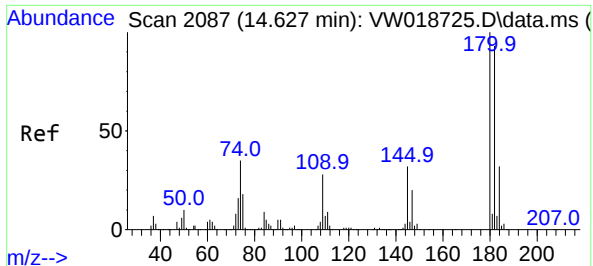


#68

1,2-Dibromo-3-chloropropane  
Concen: 26.55 ug/L  
RT: 14.481 min Scan# 2063  
Delta R.T. 0.000 min  
Lab File: VW018728.D  
Acq: 22 Apr 2021 11:54

Tgt Ion: 75 Resp: 19446  
Ion Ratio Lower Upper  
75 100  
155 72.9 59.4 89.0  
157 89.1 72.2 108.2

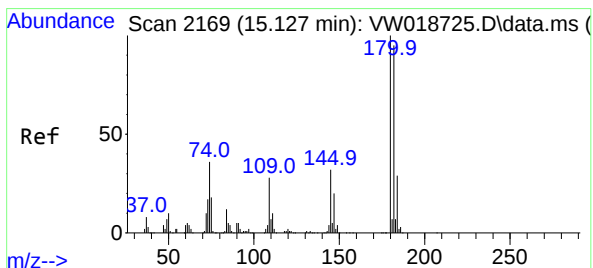
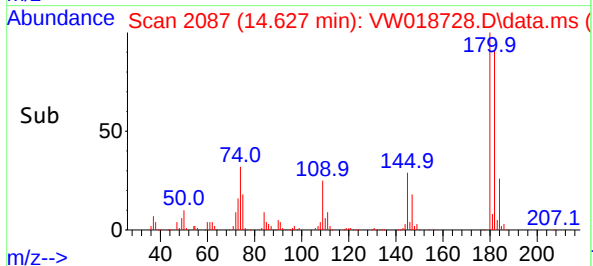
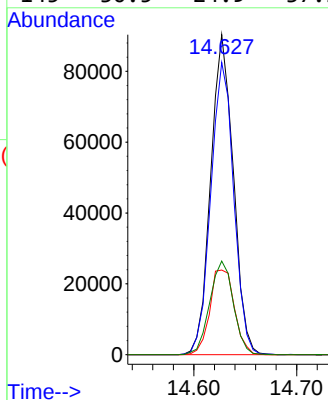
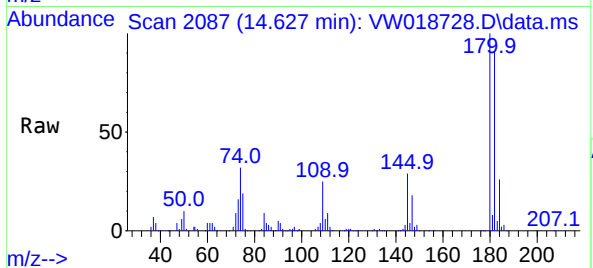




#69  
1,3,5-Trichlorobenzene  
Concen: 20.10 ug/L  
RT: 14.627 min Scan# 2087  
Delta R.T. 0.000 min  
Lab File: VW018728.D  
Acq: 22 Apr 2021 11:54

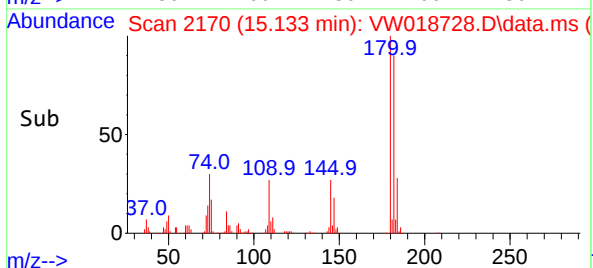
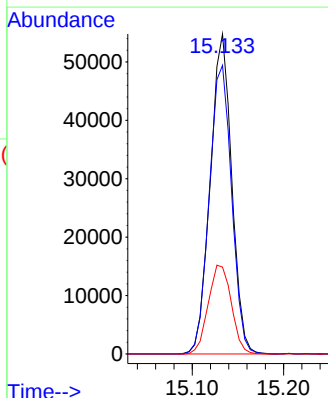
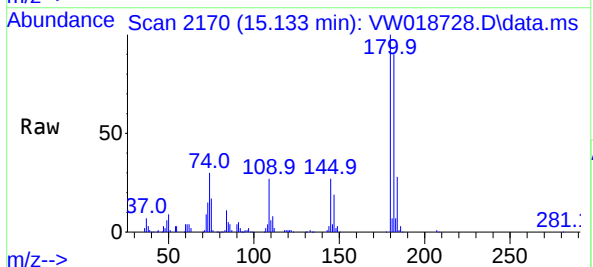
Instrument :  
MSVOA\_W  
ClientSampleId :  
E0AB9MS

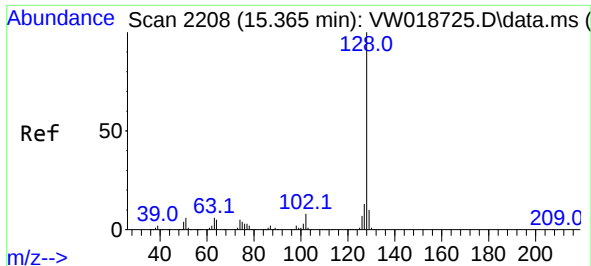
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 137951 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 92.5  | 73.4  | 110.2  |
| 184       | 28.9  | 23.6  | 35.4   |
| 145       | 30.5  | 24.9  | 37.3   |



#70  
1,2,4-trichlorobenzene  
Concen: 15.99 ug/L  
RT: 15.133 min Scan# 2170  
Delta R.T. 0.006 min  
Lab File: VW018728.D  
Acq: 22 Apr 2021 11:54

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 89339 |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 93.7  | 74.7  | 112.1 |
| 145       | 29.8  | 25.0  | 37.4  |



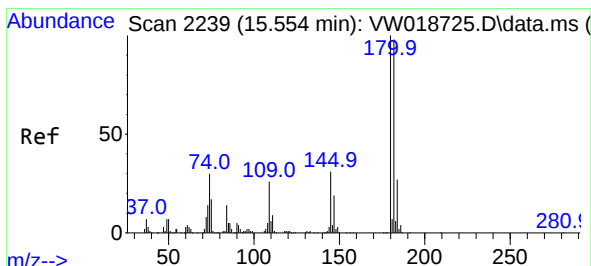
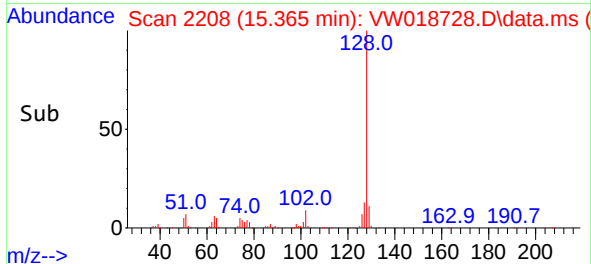
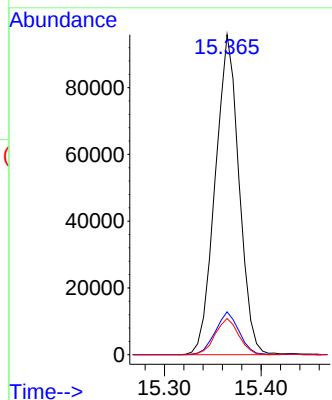
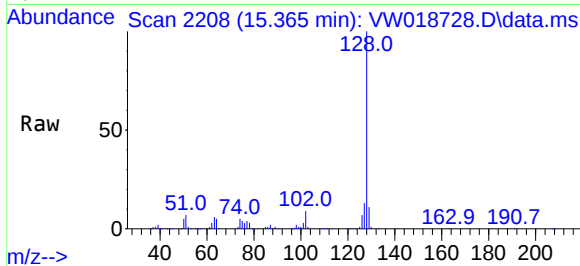


#71  
Naphthalene  
Concen: 13.92 ug/L  
RT: 15.365 min Scan# 2208  
Delta R.T. 0.000 min  
Lab File: VW018728.D  
Acq: 22 Apr 2021 11:54

Instrument :  
MSVOA\_W  
ClientSampleId :  
E0AB9MS

Tgt Ion:128 Resp: 163845

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 127 | 13.4  | 10.6  | 15.8  |
| 129 | 11.2  | 9.0   | 13.6  |



#72  
1,2,3-Trichlorobenzene  
Concen: 14.40 ug/L  
RT: 15.554 min Scan# 2239  
Delta R.T. 0.000 min  
Lab File: VW018728.D  
Acq: 22 Apr 2021 11:54

Tgt Ion:180 Resp: 70985

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 180 | 100   |       |       |
| 182 | 91.4  | 76.7  | 115.1 |
| 145 | 31.6  | 28.9  | 43.3  |

