

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX041823\  
 Data File : VX035126.D  
 Acq On : 18 Apr 2023 16:28  
 Operator : JC/MD  
 Sample : 02333-03  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 COMF8

Quant Time: Apr 19 00:55:23 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXML041823WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Apr 19 00:53:18 2023  
 Response via : Initial Calibration

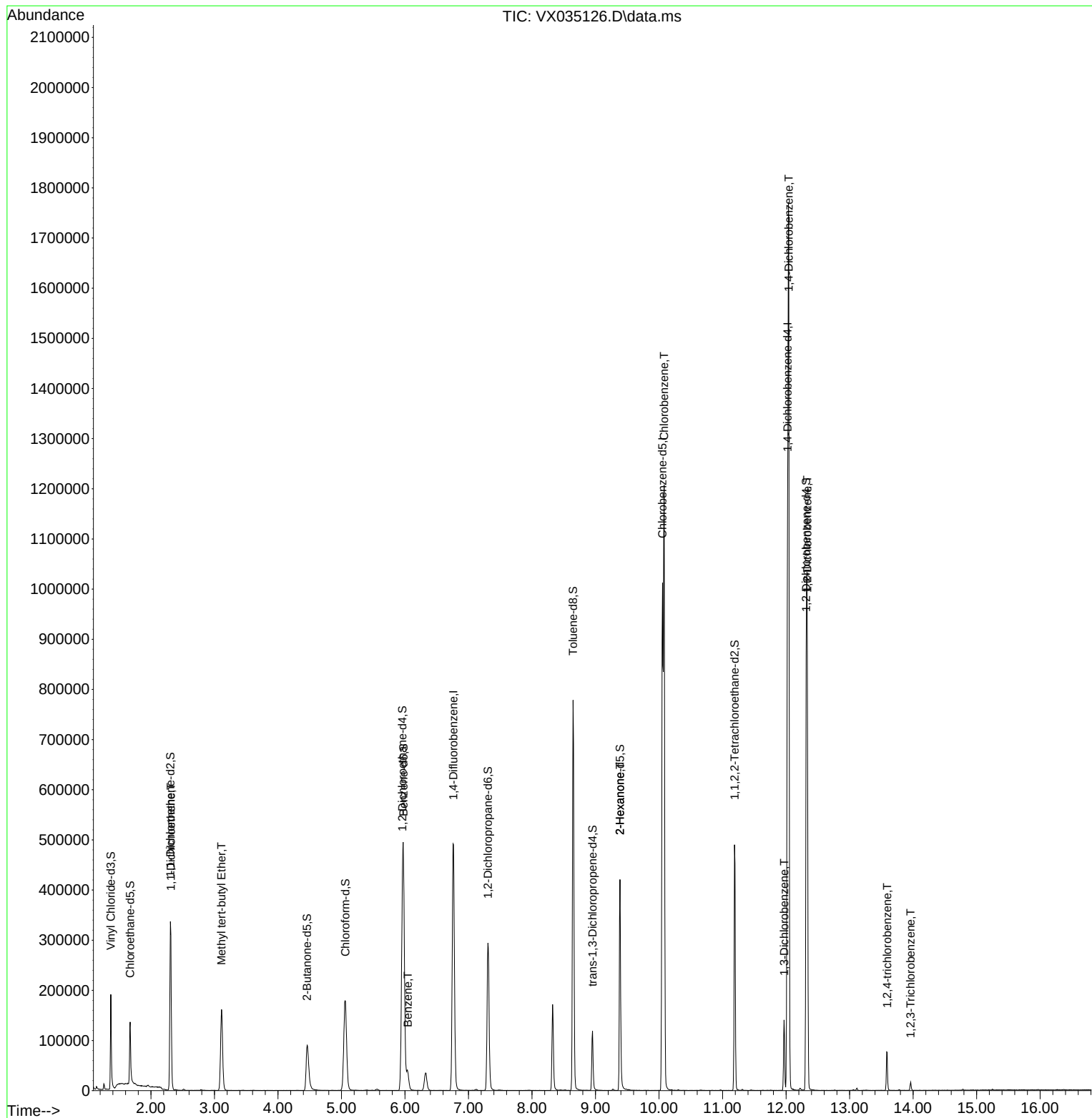
| Compound                      | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|--------|----------|
| -----                         |                |      |            |          |        |          |
| Internal Standards            |                |      |            |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.763          | 114  | 516697     | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 10.055         | 117  | 445874     | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 12.024         | 152  | 207379     | 50.000   | ug/L   | 0.00     |
|                               |                |      |            |          |        |          |
| System Monitoring Compounds   |                |      |            |          |        |          |
| 4) Vinyl Chloride-d3          | 1.368          | 65   | 122008     | 36.621   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 73.240%  |        |          |
| 7) Chloroethane-d5            | 1.673          | 69   | 89142      | 37.028   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 74.060%  |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.307          | 65   | 60734      | 38.098   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 76.200%  |        |          |
| 21) 2-Butanone-d5             | 4.459          | 46   | 169975     | 76.558   | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 76.560%  |        |          |
| 24) Chloroform-d              | 5.062          | 84   | 233620     | 37.235   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 74.480%  |        |          |
| 26) 1,2-Dichloroethane-d4     | 5.958          | 65   | 155115     | 38.499   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 77.000%  |        |          |
| 32) Benzene-d6                | 5.977          | 84   | 507192     | 39.599   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 79.200%  |        |          |
| 36) 1,2-Dichloropropane-d6    | 7.306          | 67   | 154096     | 39.386   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 78.780%  |        |          |
| 41) Toluene-d8                | 8.647          | 98   | 457879     | 39.116   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 78.240%# |        |          |
| 43) trans-1,3-Dichloroprop... | 8.952          | 79   | 54412      | 31.823   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 63.640%  |        |          |
| 47) 2-Hexanone-d5             | 9.385          | 63   | 120942     | 76.977   | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 76.980%  |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 11.189         | 84   | 186825     | 38.991   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 77.980%  |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.317         | 152  | 158228     | 39.372   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 78.740%# |        |          |
|                               |                |      |            |          |        |          |
| Target Compounds              |                |      |            |          |        | Qvalue   |
| 12) 1,1-Dichloroethene        | 2.313          | 96   | 1622       | 0.525    | ug/L # | 1        |
| 18) Methyl tert-butyl Ether   | 3.111          | 73   | 175073     | 15.926   | ug/L   | 99       |
| 33) Benzene                   | 6.044          | 78   | 44531      | 3.298    | ug/L   | 100      |
| 48) 2-Hexanone                | 9.385          | 43   | 14449      | 4.061    | ug/L # | 70       |
| 51) Chlorobenzene             | 10.080         | 112  | 514941     | 55.793   | ug/L   | 99       |
| 64) 1,3-Dichlorobenzene       | 11.969         | 146  | 44807      | 6.967    | ug/L   | 99       |
| 65) 1,4-Dichlorobenzene       | 12.043         | 146  | 538600     | 81.843   | ug/L   | 100      |
| 67) 1,2-Dichlorobenzene       | 12.335         | 146  | 247639     | 37.976   | ug/L   | 99       |
| 70) 1,2,4-trichlorobenzene    | 13.591         | 180  | 18963      | 5.094    | ug/L   | 100      |
| 72) 1,2,3-Trichlorobenzene    | 13.963         | 180  | 3689       | 1.004    | ug/L   | 87       |
| -----                         |                |      |            |          |        |          |

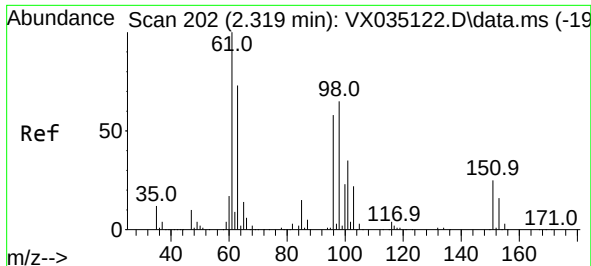
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : 02333-03  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
COMF8

Quant Time: Apr 19 00:55:23 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXML041823WMA.M  
Quant Title : VOC Analysis  
QLast Update : Wed Apr 19 00:53:18 2023  
Response via : Initial Calibration

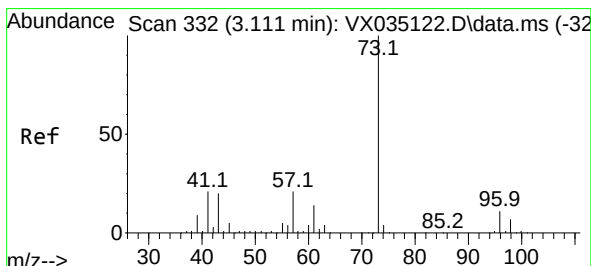
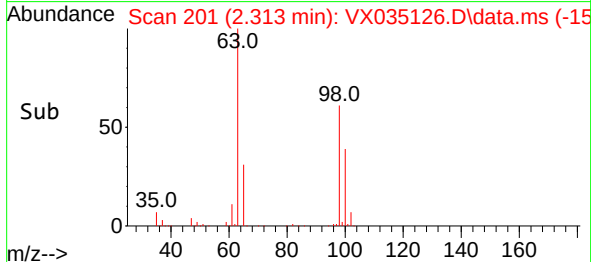
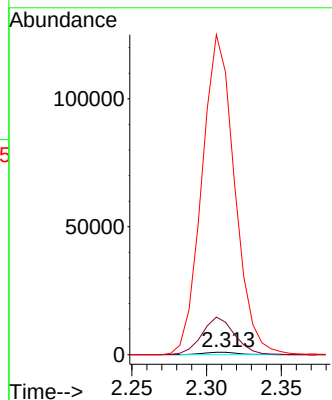
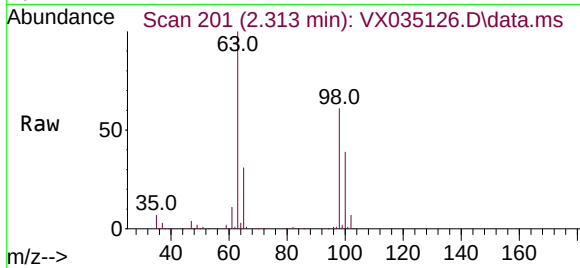




#12  
 1,1-Dichloroethene  
 Concen: 0.525 ug/L  
 RT: 2.313 min Scan# 201  
 Delta R.T. -0.006 min  
 Lab File: VX035126.D  
 Acq: 18 Apr 2023 16:28

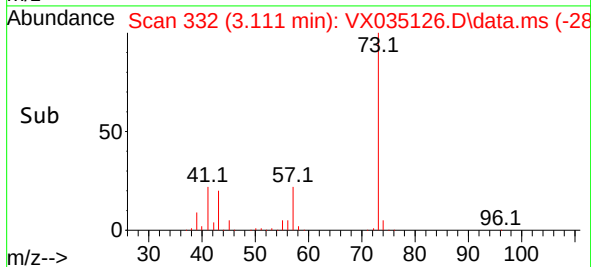
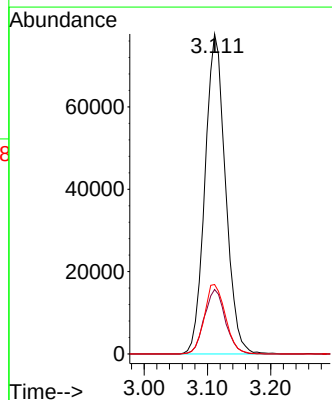
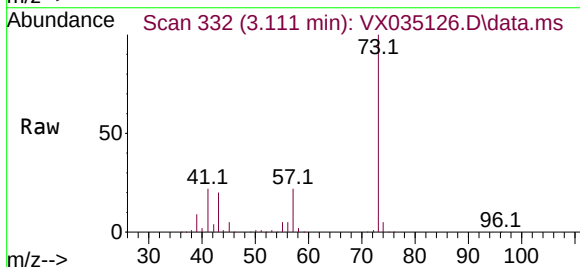
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 COMF8

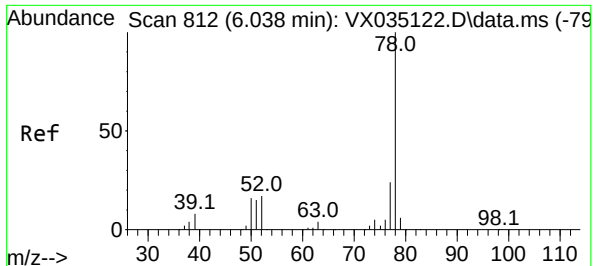
Tgt Ion: 96 Resp: 1622  
 Ion Ratio Lower Upper  
 96 100  
 61 1319.9 119.0 221.0#  
 63 11493.9 91.0 169.0#



#18  
 Methyl tert-butyl Ether  
 Concen: 15.926 ug/L  
 RT: 3.111 min Scan# 332  
 Delta R.T. 0.000 min  
 Lab File: VX035126.D  
 Acq: 18 Apr 2023 16:28

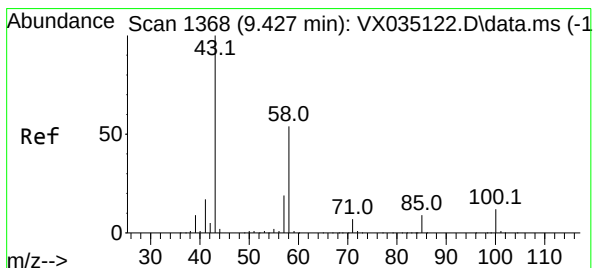
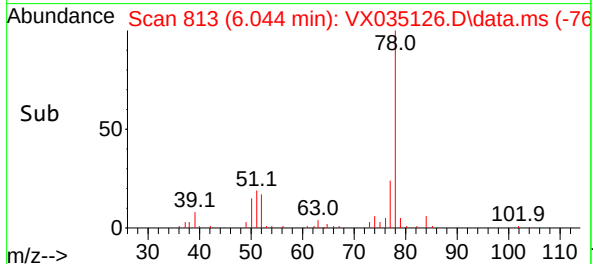
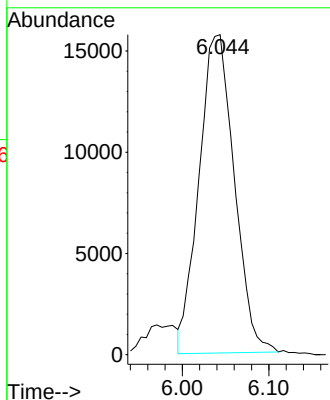
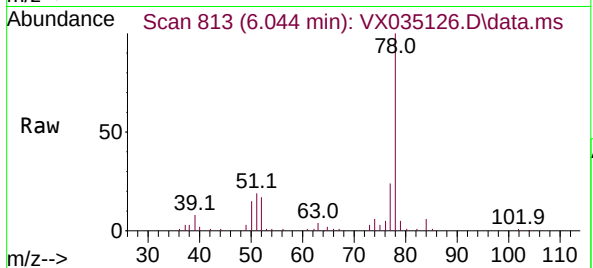
Tgt Ion: 73 Resp: 175073  
 Ion Ratio Lower Upper  
 73 100  
 43 20.7 16.6 25.0  
 57 22.4 17.5 26.3





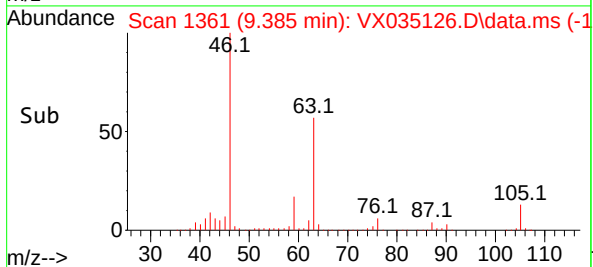
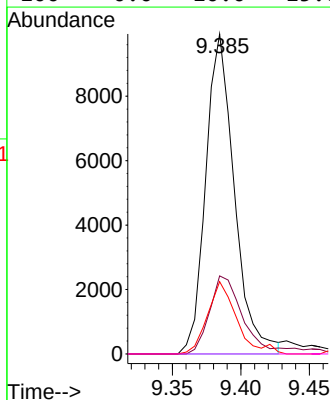
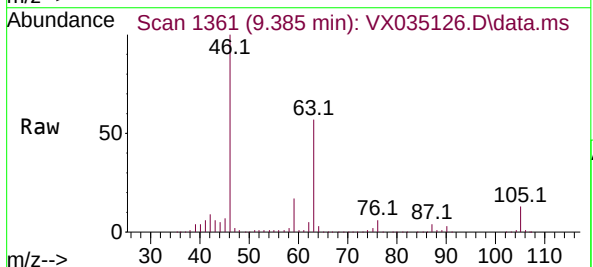
#33  
Benzene  
Concen: 3.298 ug/L  
RT: 6.044 min Scan# 81  
Delta R.T. 0.006 min  
Lab File: VX035126.D  
Acq: 18 Apr 2023 16:28  
Tgt Ion: 78 Resp: 44531

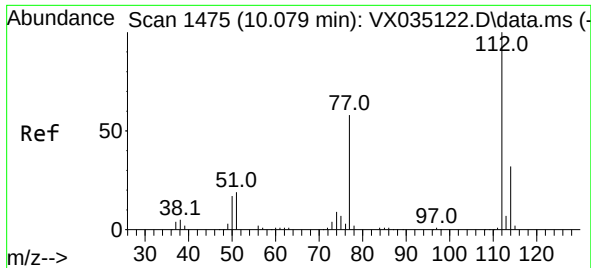
Instrument :  
MSVOA\_X  
ClientSampleId :  
COMF8



#48  
2-Hexanone  
Concen: 4.061 ug/L  
RT: 9.385 min Scan# 1361  
Delta R.T. -0.043 min  
Lab File: VX035126.D  
Acq: 18 Apr 2023 16:28

Tgt Ion: 43 Resp: 14449  
Ion Ratio Lower Upper  
43 100  
58 27.1 43.2 64.8#  
57 22.1 15.4 23.0  
100 0.0 10.0 15.0#

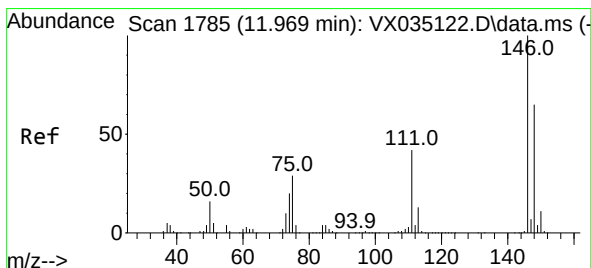
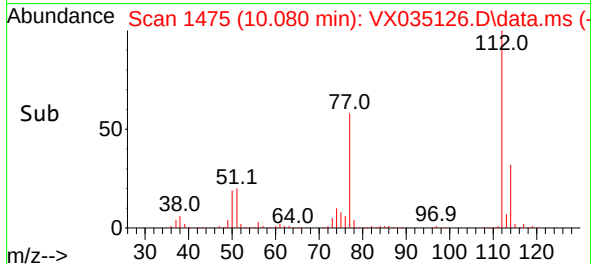
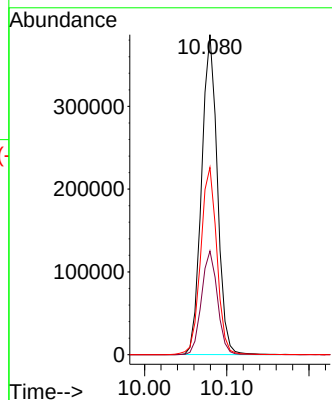
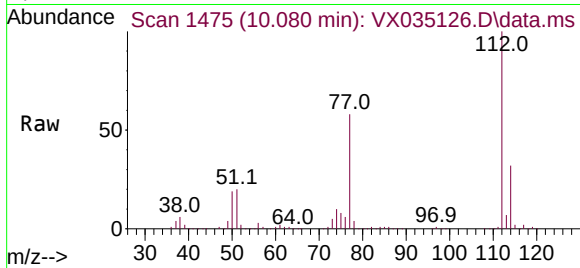




#51  
Chlorobenzene  
Concen: 55.793 ug/L  
RT: 10.080 min Scan# 1475  
Delta R.T. 0.000 min  
Lab File: VX035126.D  
Acq: 18 Apr 2023 16:28

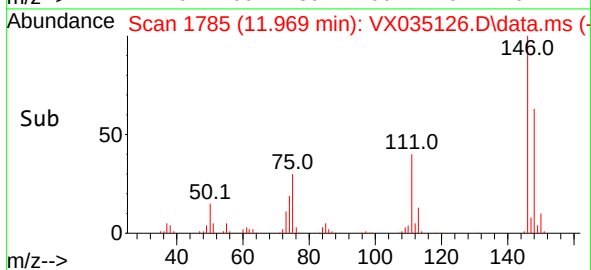
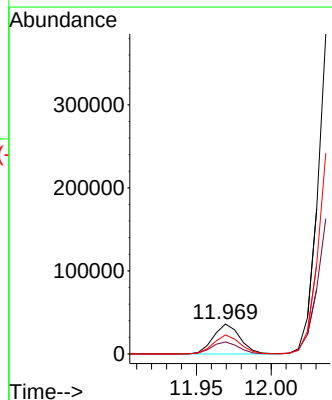
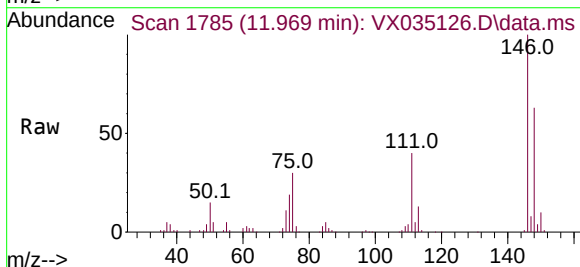
Instrument :  
MSVOA\_X  
ClientSampleId :  
COMF8

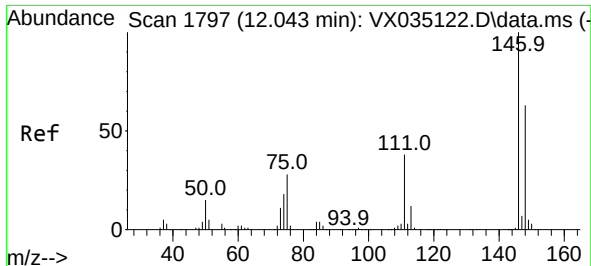
Tgt Ion:112 Resp: 514941  
Ion Ratio Lower Upper  
112 100  
114 32.4 22.4 41.6  
77 58.5 47.0 70.6



#64  
1,3-Dichlorobenzene  
Concen: 6.967 ug/L  
RT: 11.969 min Scan# 1785  
Delta R.T. 0.000 min  
Lab File: VX035126.D  
Acq: 18 Apr 2023 16:28

Tgt Ion:146 Resp: 44807  
Ion Ratio Lower Upper  
146 100  
111 39.8 28.9 53.7  
148 63.4 44.3 82.3

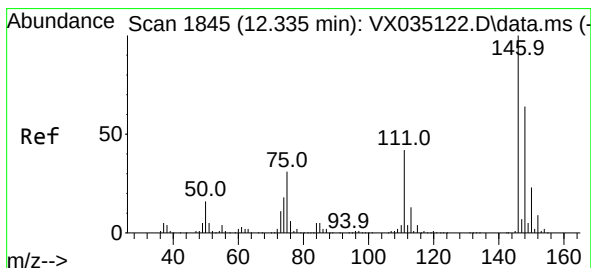
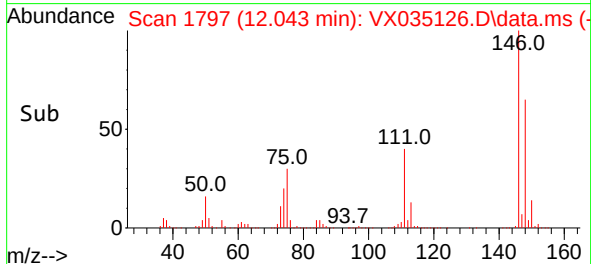
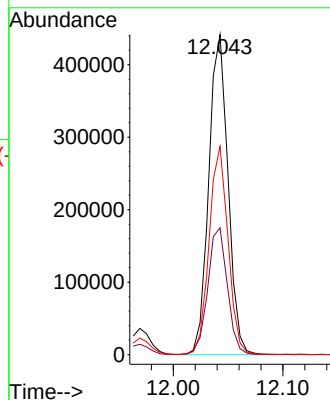
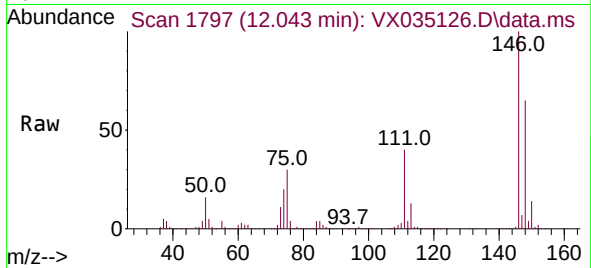




#65  
1,4-Dichlorobenzene  
Concen: 81.843 ug/L  
RT: 12.043 min Scan# 1797  
Delta R.T. 0.000 min  
Lab File: VX035126.D  
Acq: 18 Apr 2023 16:28

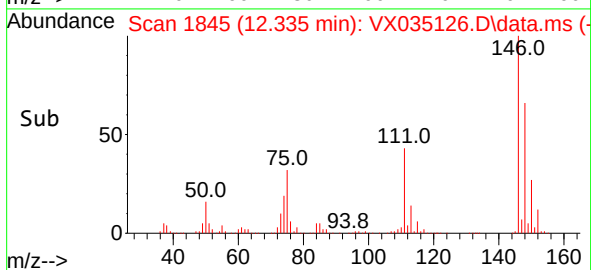
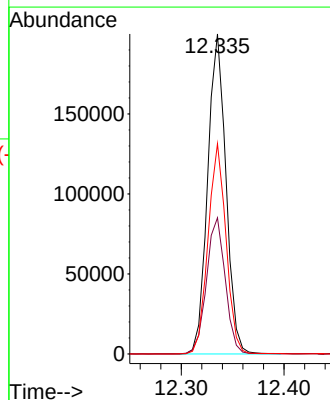
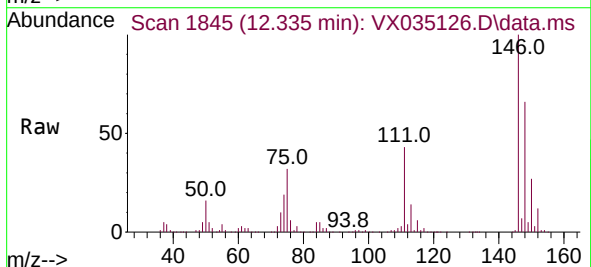
Instrument :  
MSVOA\_X  
ClientSampleId :  
COMF8

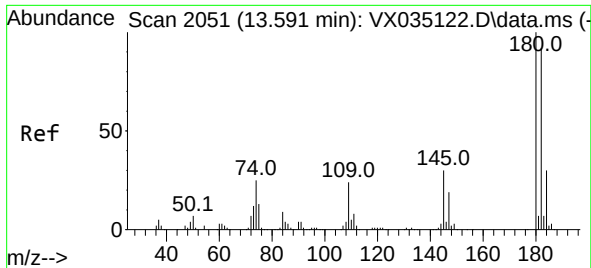
Tgt Ion:146 Resp: 538600  
Ion Ratio Lower Upper  
146 100  
111 39.6 27.9 51.7  
148 65.1 45.9 85.3



#67  
1,2-Dichlorobenzene  
Concen: 37.976 ug/L  
RT: 12.335 min Scan# 1845  
Delta R.T. 0.000 min  
Lab File: VX035126.D  
Acq: 18 Apr 2023 16:28

Tgt Ion:146 Resp: 247639  
Ion Ratio Lower Upper  
146 100  
111 42.6 34.7 52.1  
148 65.7 52.1 78.1

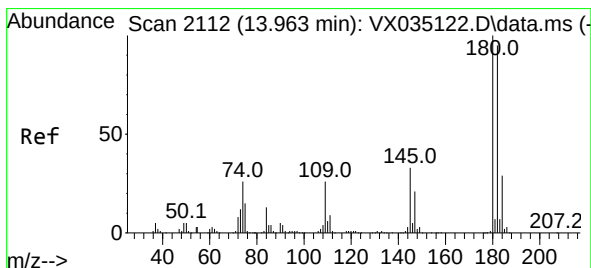
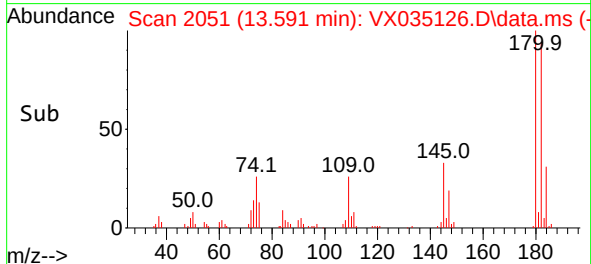
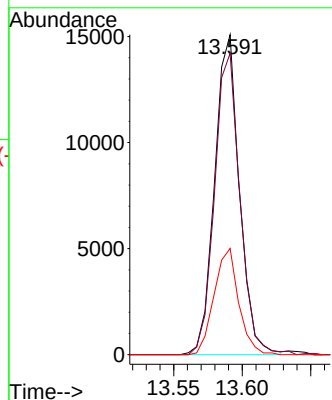
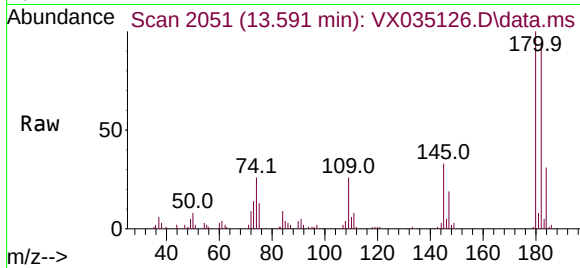




#70  
 1,2,4-trichlorobenzene  
 Concen: 5.094 ug/L  
 RT: 13.591 min Scan# 2051  
 Delta R.T. 0.000 min  
 Lab File: VX035126.D  
 Acq: 18 Apr 2023 16:28

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 COMF8

Tgt Ion:180 Resp: 18963  
 Ion Ratio Lower Upper  
 180 100  
 182 96.0 76.6 114.8  
 145 32.9 26.2 39.4



#72  
 1,2,3-Trichlorobenzene  
 Concen: 1.004 ug/L  
 RT: 13.963 min Scan# 2112  
 Delta R.T. 0.000 min  
 Lab File: VX035126.D  
 Acq: 18 Apr 2023 16:28

Tgt Ion:180 Resp: 3689  
 Ion Ratio Lower Upper  
 180 100  
 182 107.3 75.0 112.6  
 145 39.7 27.1 40.7

