

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW120423\  
 Data File : VW033091.D  
 Acq On : 04 Dec 2023 10:57  
 Operator : SY/MD  
 Sample : 04929-08MEDL 4X  
 Misc : 3.82G/5.0mL/100uL/5mL/MSVOA\_V/MEOH  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0AQ6MEDL

Quant Time: Dec 05 03:22:03 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM120123WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Dec 05 03:20:48 2023  
 Response via : Initial Calibration

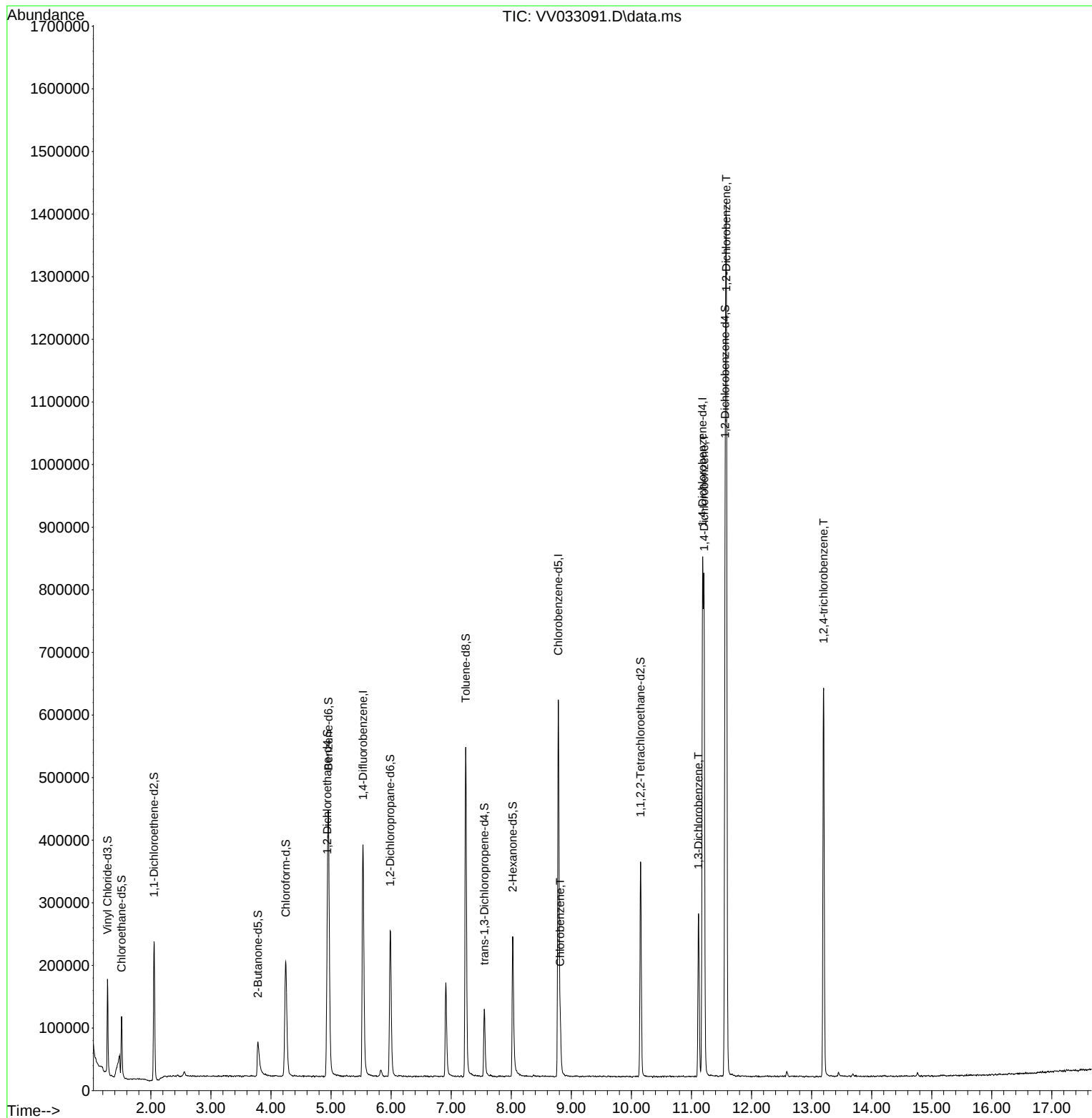
| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| -----                         |         |       |          |          |        |          |
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.532   | 114   | 338131   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.783   | 117   | 339473   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.185  | 152   | 202058   | 50.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.278   | 65    | 95950    | 47.468   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 94.940%  |
| 7) Chloroethane-d5            | 1.513   | 69    | 65253    | 46.331   | ug/L   | -0.02    |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 92.660%  |
| 11) 1,1-Dichloroethene-d2     | 2.053   | 65    | 35303    | 45.910   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 91.820%  |
| 21) 2-Butanone-d5             | 3.783   | 46    | 88631    | 88.281   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 88.280%  |
| 24) Chloroform-d              | 4.246   | 84    | 201343   | 46.937   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 93.880%  |
| 26) 1,2-Dichloroethane-d4     | 4.937   | 65    | 129364   | 48.505   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 97.020%  |
| 32) Benzene-d6                | 4.957   | 84    | 386482   | 48.678   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 97.360%  |
| 36) 1,2-Dichloropropane-d6    | 5.986   | 67    | 105230   | 49.294   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 98.580%  |
| 41) Toluene-d8                | 7.243   | 98    | 362414   | 47.851   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 95.700%  |
| 43) trans-1,3-Dichloroprop... | 7.551   | 79    | 63315    | 46.904   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 93.800%  |
| 47) 2-Hexanone-d5             | 8.024   | 63    | 81848    | 95.438   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 95.440%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.153  | 84    | 149647   | 49.313   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 98.620%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.561  | 152   | 186986   | 52.012   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 104.020% |
| Target Compounds              |         |       |          |          |        |          |
|                               |         |       |          |          | Qvalue |          |
| 51) Chlorobenzene             | 8.815   | 112   | 47823    | 7.015    | ug/L   | 95       |
| 64) 1,3-Dichlorobenzene       | 11.117  | 146   | 109073   | 17.524   | ug/L   | 99       |
| 65) 1,4-Dichlorobenzene       | 11.210  | 146   | 303449   | 46.933   | ug/L   | 99       |
| 67) 1,2-Dichlorobenzene       | 11.580  | 146   | 509788   | 83.545   | ug/L   | 99       |
| 70) 1,2,4-trichlorobenzene    | 13.201  | 180   | 194822   | 42.296   | ug/L   | 99       |
| -----                         |         |       |          |          |        |          |

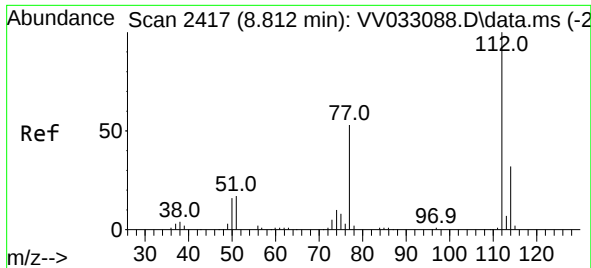
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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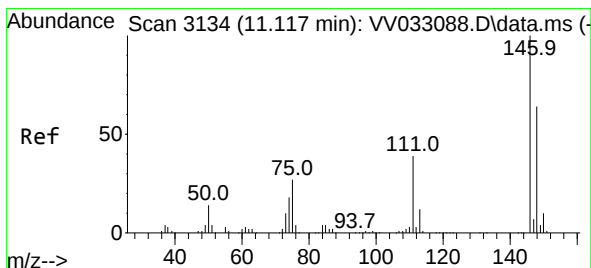
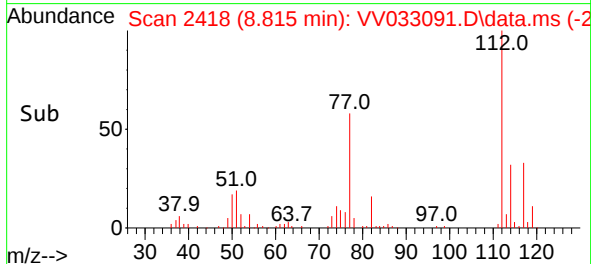
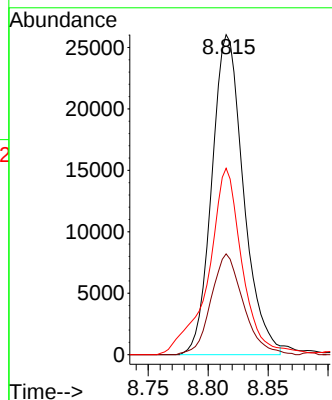
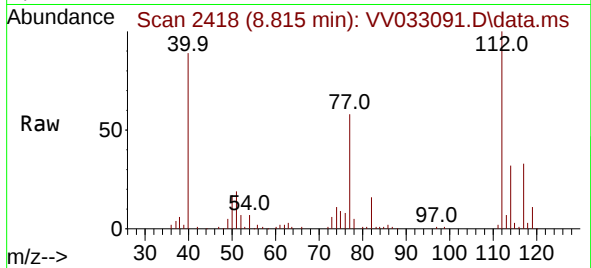




#51  
Chlorobenzene  
Concen: 7.015 ug/L  
RT: 8.815 min Scan# 2417  
Delta R.T. 0.003 min  
Lab File: VV033091.D  
Acq: 04 Dec 2023 10:57

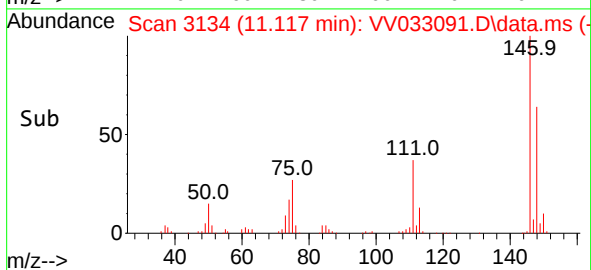
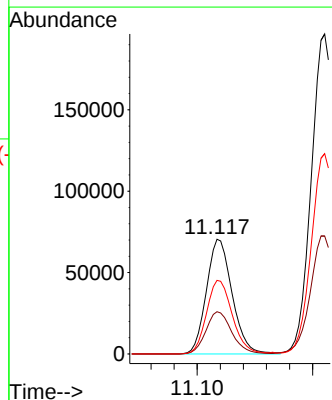
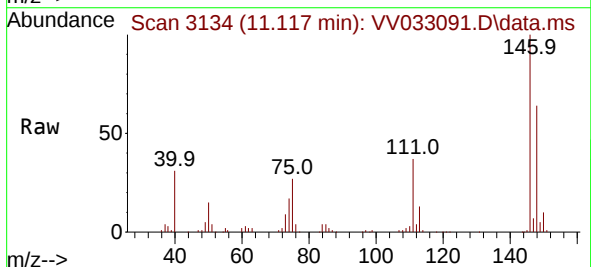
Instrument :  
MSVOA\_V  
ClientSampleId :  
C0AQ6MEDL

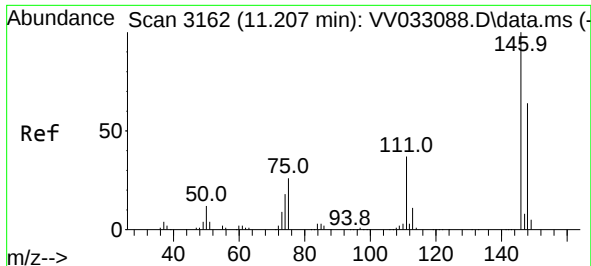
Tgt Ion:112 Resp: 47823  
Ion Ratio Lower Upper  
112 100  
114 31.5 22.9 42.5  
77 58.2 42.6 64.0



#64  
1,3-Dichlorobenzene  
Concen: 17.524 ug/L  
RT: 11.117 min Scan# 3134  
Delta R.T. 0.000 min  
Lab File: VV033091.D  
Acq: 04 Dec 2023 10:57

Tgt Ion:146 Resp: 109073  
Ion Ratio Lower Upper  
146 100  
111 36.9 26.2 48.6  
148 64.1 44.5 82.7

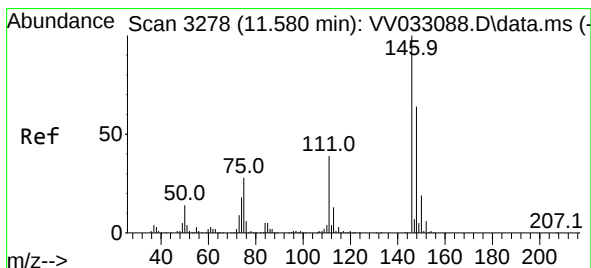
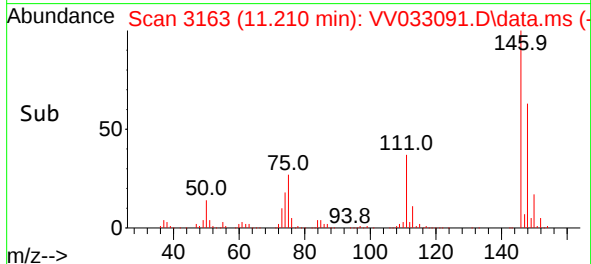
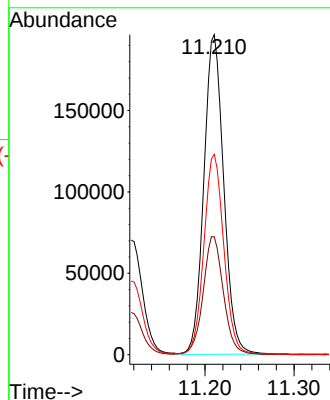
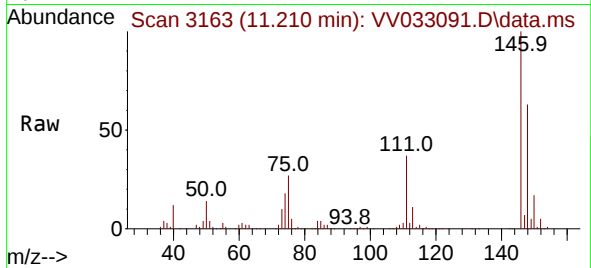




#65  
1,4-Dichlorobenzene  
Concen: 46.933 ug/L  
RT: 11.210 min Scan# 3162  
Delta R.T. 0.003 min  
Lab File: VV033091.D  
Acq: 04 Dec 2023 10:57

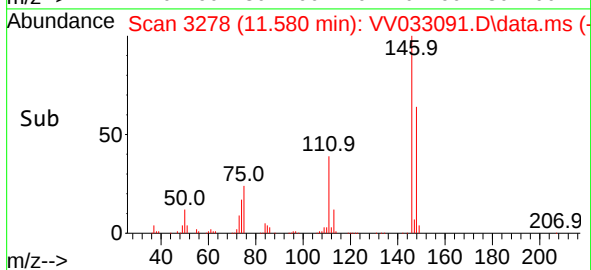
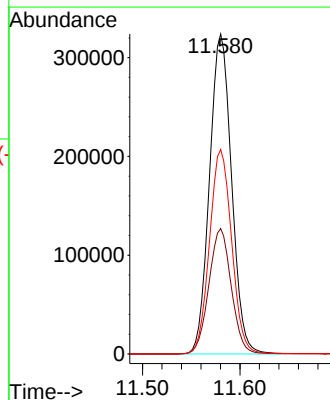
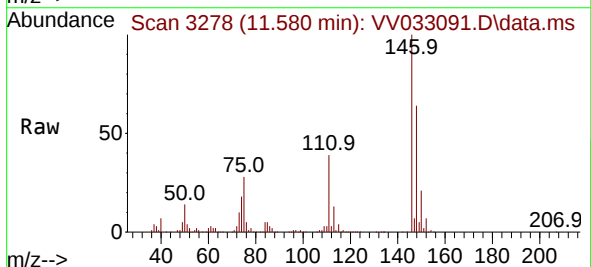
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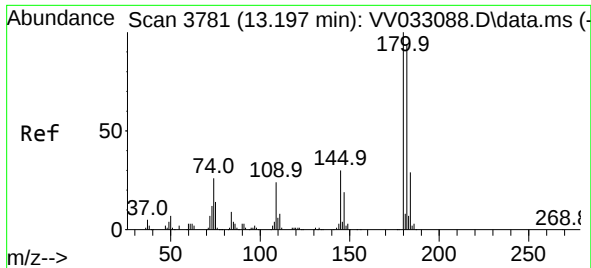
Tgt Ion:146 Resp: 303449  
Ion Ratio Lower Upper  
146 100  
111 36.9 25.9 48.1  
148 62.6 44.9 83.5



#67  
1,2-Dichlorobenzene  
Concen: 83.545 ug/L  
RT: 11.580 min Scan# 3278  
Delta R.T. 0.000 min  
Lab File: VV033091.D  
Acq: 04 Dec 2023 10:57

Tgt Ion:146 Resp: 509788  
Ion Ratio Lower Upper  
146 100  
111 39.2 32.4 48.6  
148 63.9 51.8 77.8





#70

1,2,4-trichlorobenzene

Concen: 42.296 ug/L

RT: 13.201 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV033091.D

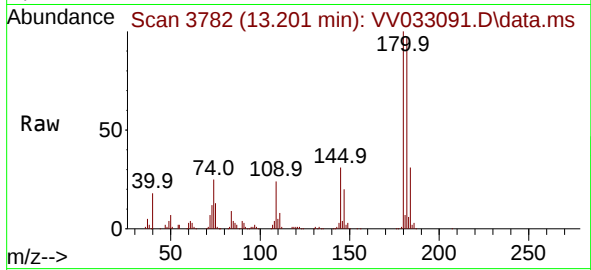
Acq: 04 Dec 2023 10:57

Instrument :

MSVOA\_V

ClientSampleId :

C0AQ6MEDL



Tgt Ion:180 Resp: 194822

Ion Ratio Lower Upper

180 100

182 96.3 76.3 114.5

145 30.0 23.4 35.0

