

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX072724\  
 Data File : VX042577.D  
 Acq On : 25 Jul 2024 19:18  
 Operator : JC/MD  
 Sample : P3334-15 100X  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Jul 26 00:22:12 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXML070324WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Jul 26 00:18:59 2024  
 Response via : Initial Calibration

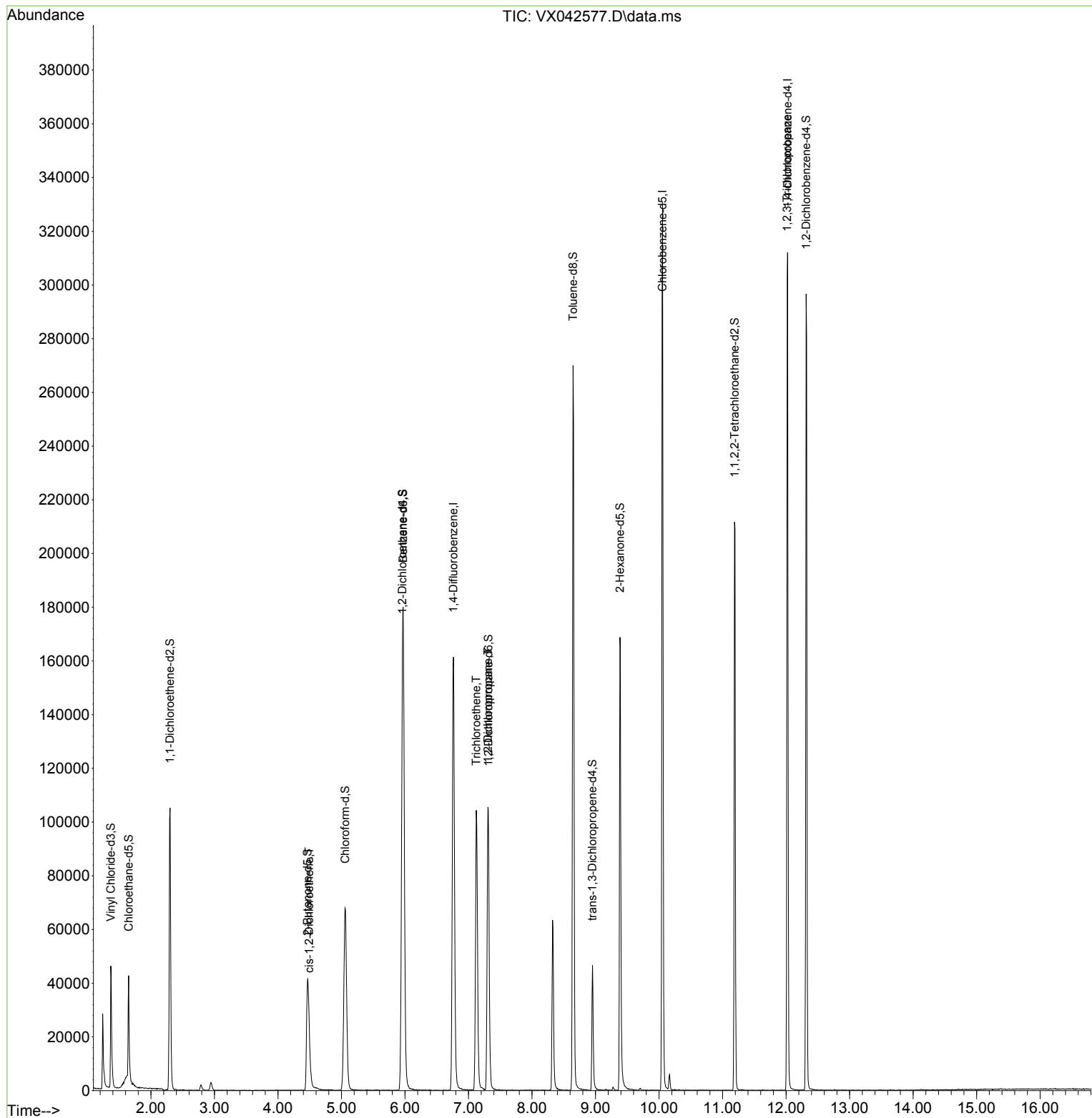
| Compound                      | R.T.           | QIon | Response   | Conc    | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|---------|--------|----------|
| -----                         |                |      |            |         |        |          |
| Internal Standards            |                |      |            |         |        |          |
| 1) 1,4-Difluorobenzene        | 6.763          | 114  | 178841     | 50.000  | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 10.055         | 117  | 163322     | 50.000  | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 12.024         | 152  | 76862      | 50.000  | ug/L   | 0.00     |
|                               |                |      |            |         |        |          |
| System Monitoring Compounds   |                |      |            |         |        |          |
| 4) Vinyl Chloride-d3          | 1.367          | 65   | 36302      | 34.873  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 69.740% |        |          |
| 7) Chloroethane-d5            | 1.648          | 69   | 25156      | 38.381  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 76.760% |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.300          | 65   | 18870      | 41.419  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 82.840% |        |          |
| 21) 2-Butanone-d5             | 4.464          | 46   | 71371      | 95.141  | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 95.140% |        |          |
| 24) Chloroform-d              | 5.056          | 84   | 90820      | 43.392  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 86.780% |        |          |
| 26) 1,2-Dichloroethane-d4     | 5.958          | 65   | 59559      | 48.210  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 96.420% |        |          |
| 32) Benzene-d6                | 5.970          | 84   | 185888     | 44.034  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 88.060% |        |          |
| 36) 1,2-Dichloropropane-d6    | 7.311          | 67   | 57239      | 45.055  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 90.100% |        |          |
| 41) Toluene-d8                | 8.647          | 98   | 167282     | 42.522  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 85.040% |        |          |
| 43) trans-1,3-Dichloroprop... | 8.951          | 79   | 22719      | 41.377  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 82.760% |        |          |
| 47) 2-Hexanone-d5             | 9.384          | 63   | 53139      | 92.148  | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 92.150% |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 11.189         | 84   | 83387      | 44.397  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 88.800% |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.317         | 152  | 70683      | 47.346  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 94.700% |        |          |
|                               |                |      |            |         |        |          |
| Target Compounds              |                |      |            |         |        | Qvalue   |
| 20) cis-1,2-Dichloroethene    | 4.489          | 96   | 3349       | 2.566   | ug/L   | 97       |
| 34) Trichloroethene           | 7.123          | 95   | 40087      | 33.508  | ug/L   | 98       |
| 37) 1,2-Dichloropropane       | 7.305          | 63   | 5892       | 5.028   | ug/L # | 84       |
| 61) 1,2,3-Trichloropropane    | 12.018         | 75   | 6811       | 4.990   | ug/L # | 63       |
| -----                         |                |      |            |         |        |          |

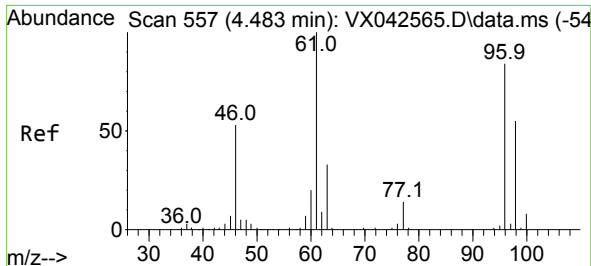
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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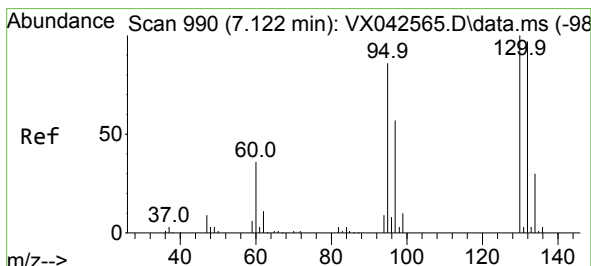
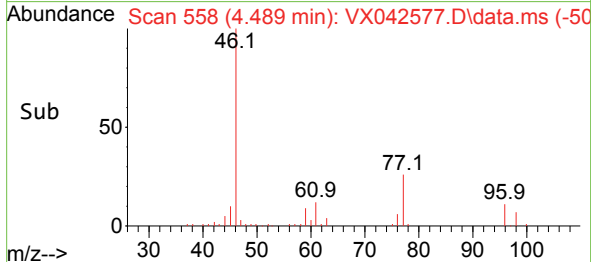
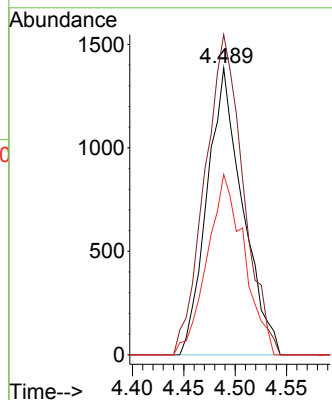
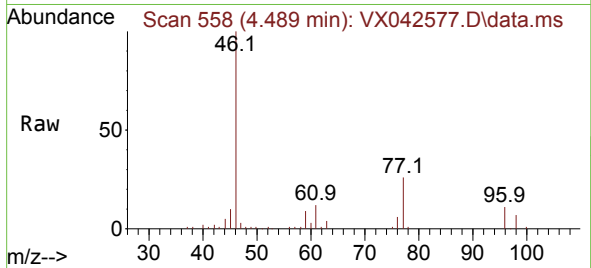




#20  
 cis-1,2-Dichloroethene  
 Concen: 2.566 ug/L  
 RT: 4.489 min Scan# 51  
 Delta R.T. 0.006 min  
 Lab File: VX042577.D  
 Acq: 25 Jul 2024 19:18

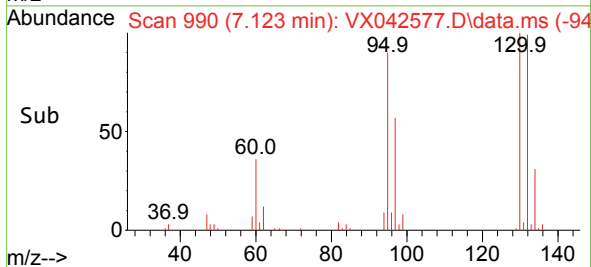
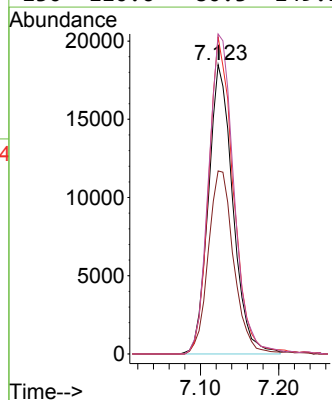
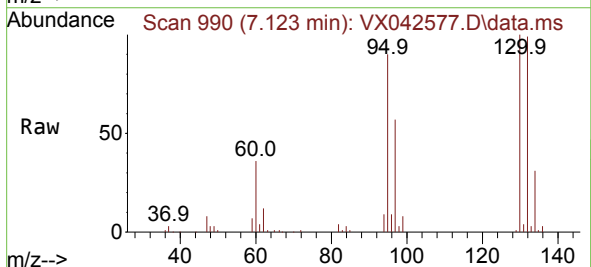
Instrument :  
 MSVOA\_X  
 ClientSampleId :

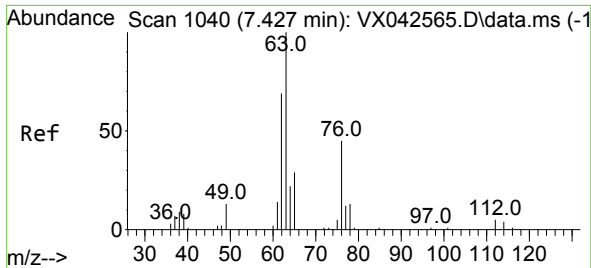
Tgt Ion: 96 Resp: 3349  
 Ion Ratio Lower Upper  
 96 100  
 61 111.6 80.5 149.5  
 98 62.8 45.7 84.9



#34  
 Trichloroethene  
 Concen: 33.508 ug/L  
 RT: 7.123 min Scan# 990  
 Delta R.T. 0.000 min  
 Lab File: VX042577.D  
 Acq: 25 Jul 2024 19:18

Tgt Ion: 95 Resp: 40087  
 Ion Ratio Lower Upper  
 95 100  
 97 63.3 45.1 83.7  
 132 109.6 77.2 143.4  
 130 110.6 80.3 149.1

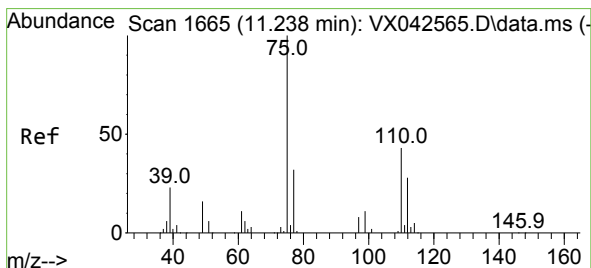
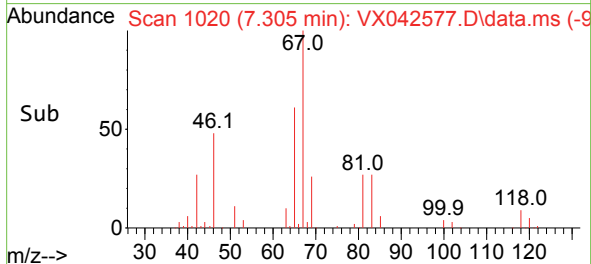
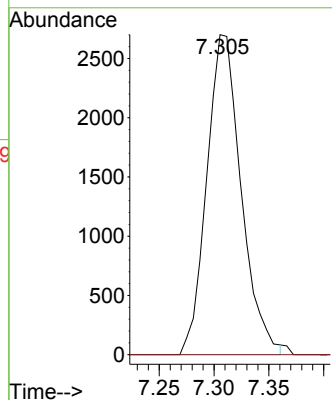
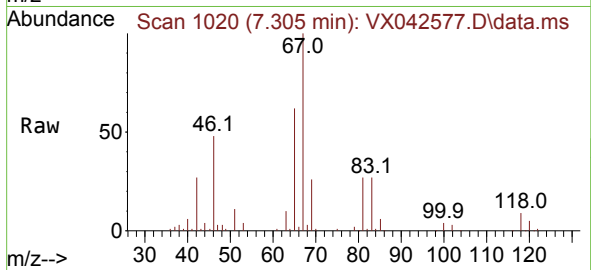




#37  
1,2-Dichloropropane  
Concen: 5.028 ug/L  
RT: 7.305 min Scan# 1040  
Delta R.T. -0.122 min  
Lab File: VX042577.D  
Acq: 25 Jul 2024 19:18

Instrument :  
MSVOA\_X  
ClientSampleId :

Tgt Ion: 63 Resp: 5892  
Ion Ratio Lower Upper  
63 100  
112 0.0 4.3 6.5#



#61  
1,2,3-Trichloropropane  
Concen: 4.990 ug/L  
RT: 12.018 min Scan# 1793  
Delta R.T. 0.780 min  
Lab File: VX042577.D  
Acq: 25 Jul 2024 19:18

Tgt Ion: 75 Resp: 6811  
Ion Ratio Lower Upper  
75 100  
77 33.4 25.8 38.8  
110 3.5 35.4 53.0#

