

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX072424\  
 Data File : VX042487.D  
 Acq On : 23 Jul 2024 21:09  
 Operator : JC/MD  
 Sample : P3327-18  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Jul 24 03:53:07 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXML070324WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Jul 24 03:44:32 2024  
 Response via : Initial Calibration

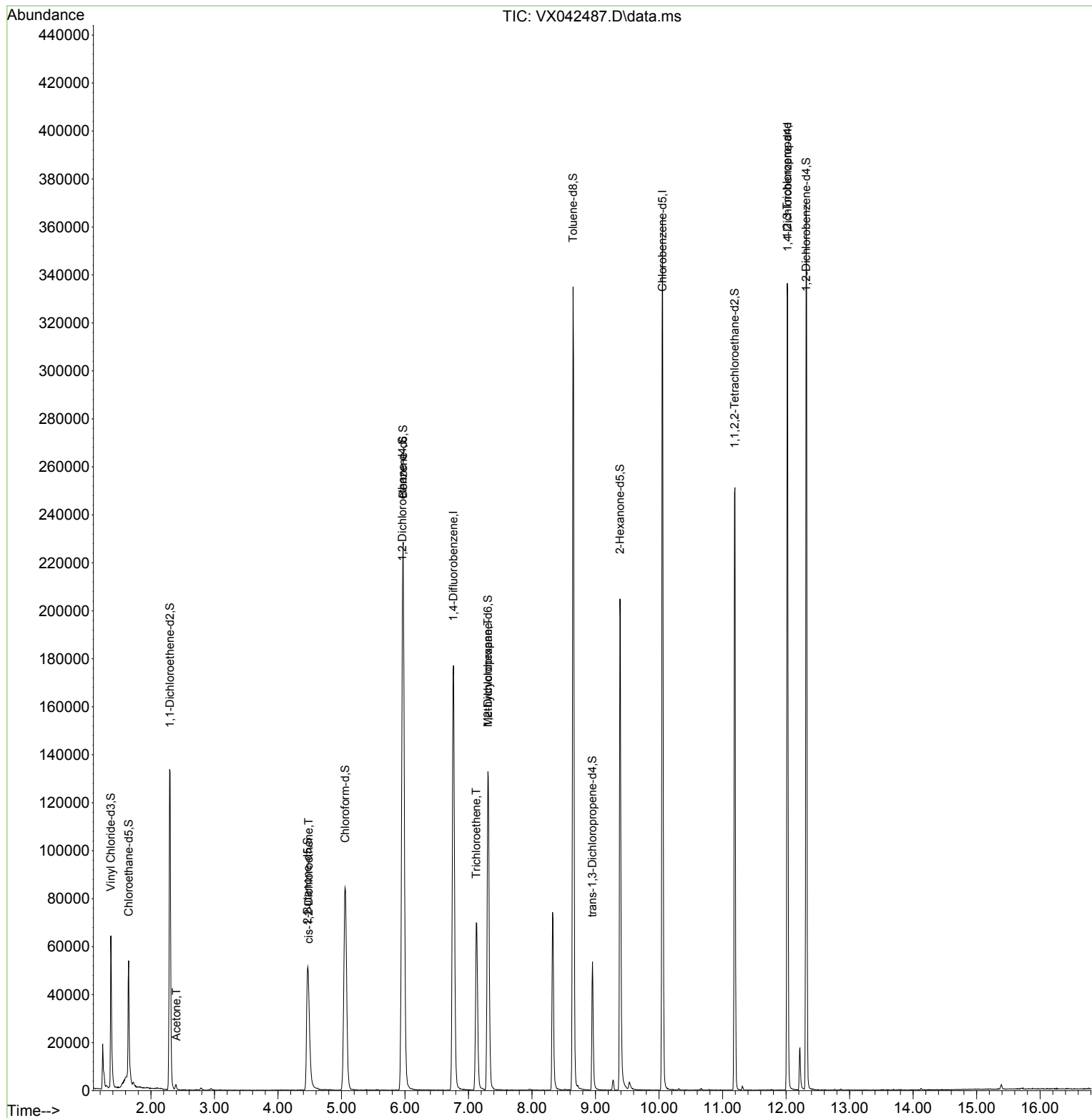
| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| -----                         |         |       |          |          |        |          |
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.763   | 114   | 197607   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 10.055  | 117   | 177050   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 12.024  | 152   | 81574    | 50.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.368   | 65    | 49950    | 43.428   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 86.860%  |
| 7) Chloroethane-d5            | 1.648   | 69    | 33881    | 46.784   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 93.560%  |
| 11) 1,1-Dichloroethene-d2     | 2.300   | 65    | 24211    | 48.096   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 96.200%  |
| 21) 2-Butanone-d5             | 4.465   | 46    | 86748    | 104.657  | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 104.660% |
| 24) Chloroform-d              | 5.056   | 84    | 114779   | 49.631   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 99.260%  |
| 26) 1,2-Dichloroethane-d4     | 5.958   | 65    | 71712    | 52.535   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 105.080% |
| 32) Benzene-d6                | 5.970   | 84    | 235619   | 51.486   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 102.980% |
| 36) 1,2-Dichloropropane-d6    | 7.306   | 67    | 71998    | 52.278   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 104.560% |
| 41) Toluene-d8                | 8.647   | 98    | 210398   | 49.335   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 98.680%  |
| 43) trans-1,3-Dichloroprop... | 8.952   | 79    | 27331    | 45.918   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 91.840%  |
| 47) 2-Hexanone-d5             | 9.384   | 63    | 62280    | 99.626   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 99.630%  |
| 56) 1,1,2,2-Tetrachloroeth... | 11.189  | 84    | 101473   | 49.838   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 99.680%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.317  | 152   | 85900    | 54.215   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 108.440% |
| Target Compounds              |         |       |          |          |        |          |
|                               |         |       |          |          | Qvalue |          |
| 13) Acetone                   | 2.398   | 43    | 2534     | 4.481    | ug/L   | 97       |
| 20) cis-1,2-Dichloroethene    | 4.483   | 96    | 6025     | 4.178    | ug/L   | 94       |
| 34) Trichloroethene           | 7.123   | 95    | 28400    | 21.898   | ug/L   | 93       |
| 35) Methylcyclohexane         | 7.306   | 83    | 18038    | 9.173    | ug/L # | 21       |
| 61) 1,2,3-Trichloropropane    | 12.018  | 75    | 7638     | 5.273    | ug/L # | 63       |
| -----                         |         |       |          |          |        |          |

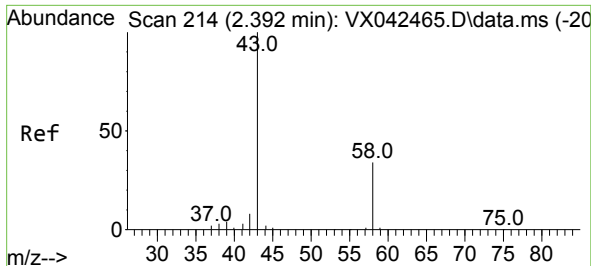
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis  
QLast Update : Wed Jul 24 03:44:32 2024  
Response via : Initial Calibration





#13

Acetone

Concen: 4.481 ug/L

RT: 2.398 min Scan# 214

Delta R.T. 0.006 min

Lab File: VX042487.D

Acq: 23 Jul 2024 21:09

Instrument :

MSVOA\_X

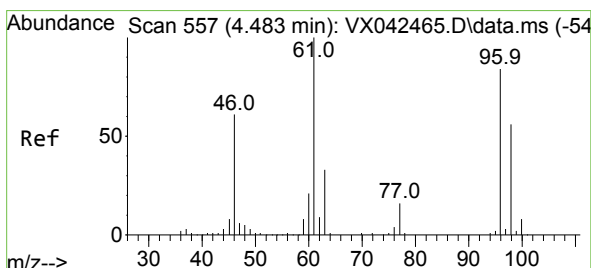
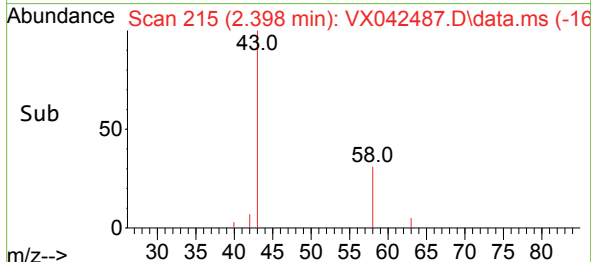
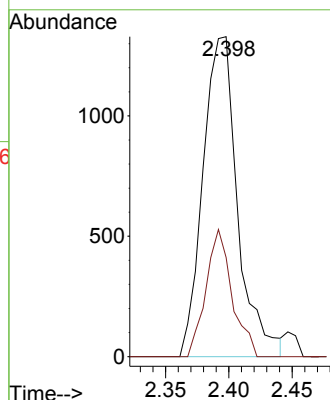
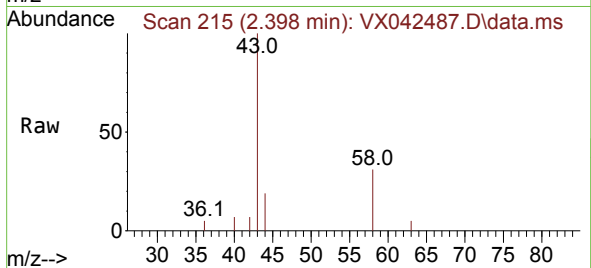
ClientSampleId :

Tgt Ion: 43 Resp: 2534

Ion Ratio Lower Upper

43 100

58 29.9 0.0 62.6



#20

cis-1,2-Dichloroethene

Concen: 4.178 ug/L

RT: 4.483 min Scan# 557

Delta R.T. -0.000 min

Lab File: VX042487.D

Acq: 23 Jul 2024 21:09

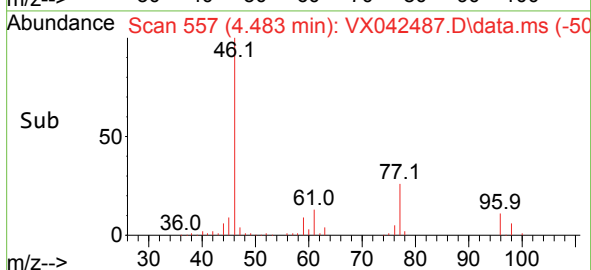
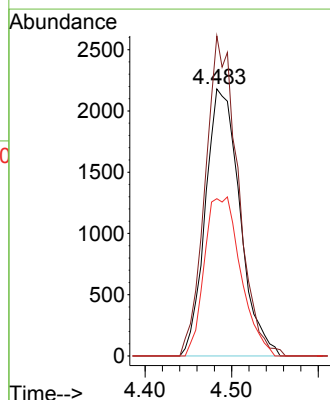
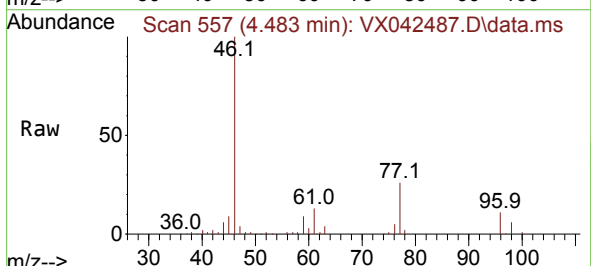
Tgt Ion: 96 Resp: 6025

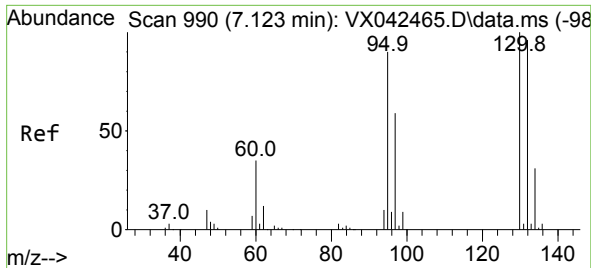
Ion Ratio Lower Upper

96 100

61 119.8 80.5 149.5

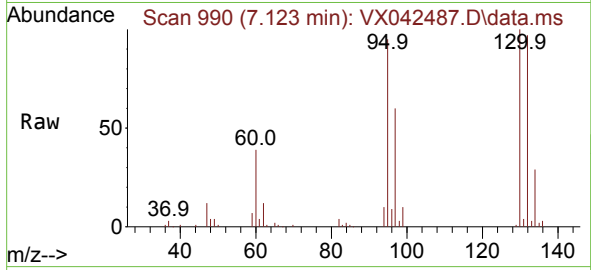
98 58.9 45.7 84.9



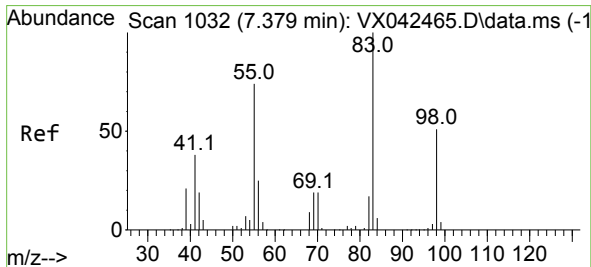
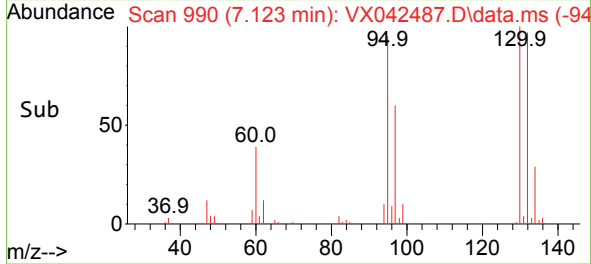
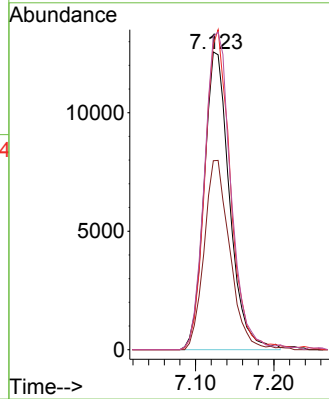


#34  
Trichloroethene  
Concen: 21.898 ug/L  
RT: 7.123 min Scan# 990  
Delta R.T. -0.000 min  
Lab File: VX042487.D  
Acq: 23 Jul 2024 21:09

Instrument :  
MSVOA\_X  
ClientSampleId :

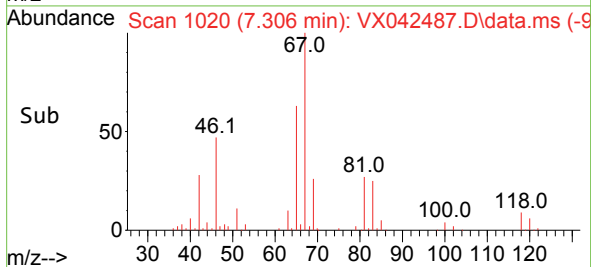
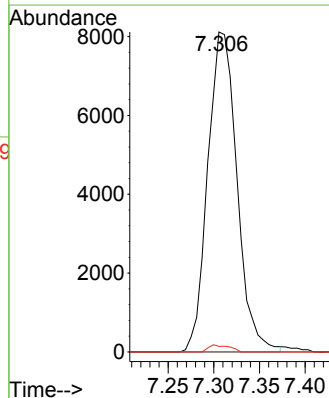
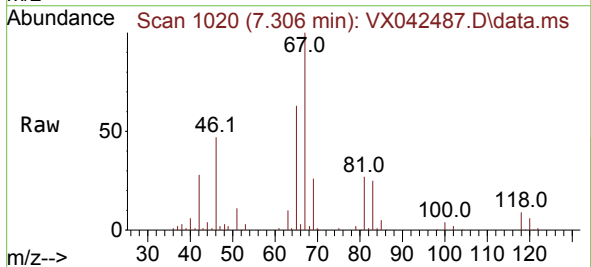


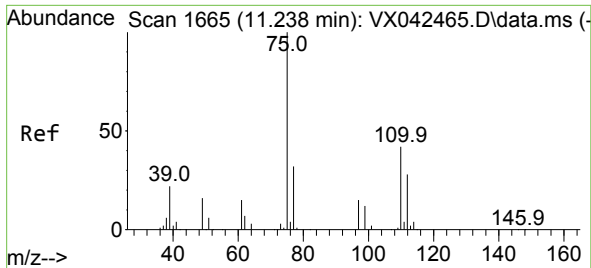
Tgt Ion: 95 Resp: 28400  
Ion Ratio Lower Upper  
95 100  
97 63.5 45.1 83.7  
132 102.5 77.2 143.4  
130 105.2 80.3 149.1



#35  
Methylcyclohexane  
Concen: 9.173 ug/L  
RT: 7.306 min Scan# 1020  
Delta R.T. -0.073 min  
Lab File: VX042487.D  
Acq: 23 Jul 2024 21:09

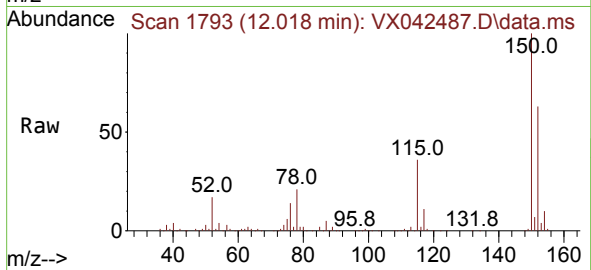
Tgt Ion: 83 Resp: 18038  
Ion Ratio Lower Upper  
83 100  
55 0.0 56.4 84.6#  
98 1.6 40.4 60.6#





#61  
1,2,3-Trichloropropane  
Concen: 5.273 ug/L  
RT: 12.018 min Scan# 11  
Delta R.T. 0.780 min  
Lab File: VX042487.D  
Acq: 23 Jul 2024 21:09

Instrument :  
MSVOA\_X  
ClientSampleId :



Tgt Ion: 75 Resp: 7638  
Ion Ratio Lower Upper  
75 100  
77 32.3 25.8 38.8  
110 2.3 35.4 53.0#

