

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX111124\  
 Data File : VX043794.D  
 Acq On : 11 Nov 2024 16:04  
 Operator : JC/MD  
 Sample : P4786-07  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Nov 12 00:55:32 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXML110424WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Nov 12 00:51:02 2024  
 Response via : Initial Calibration

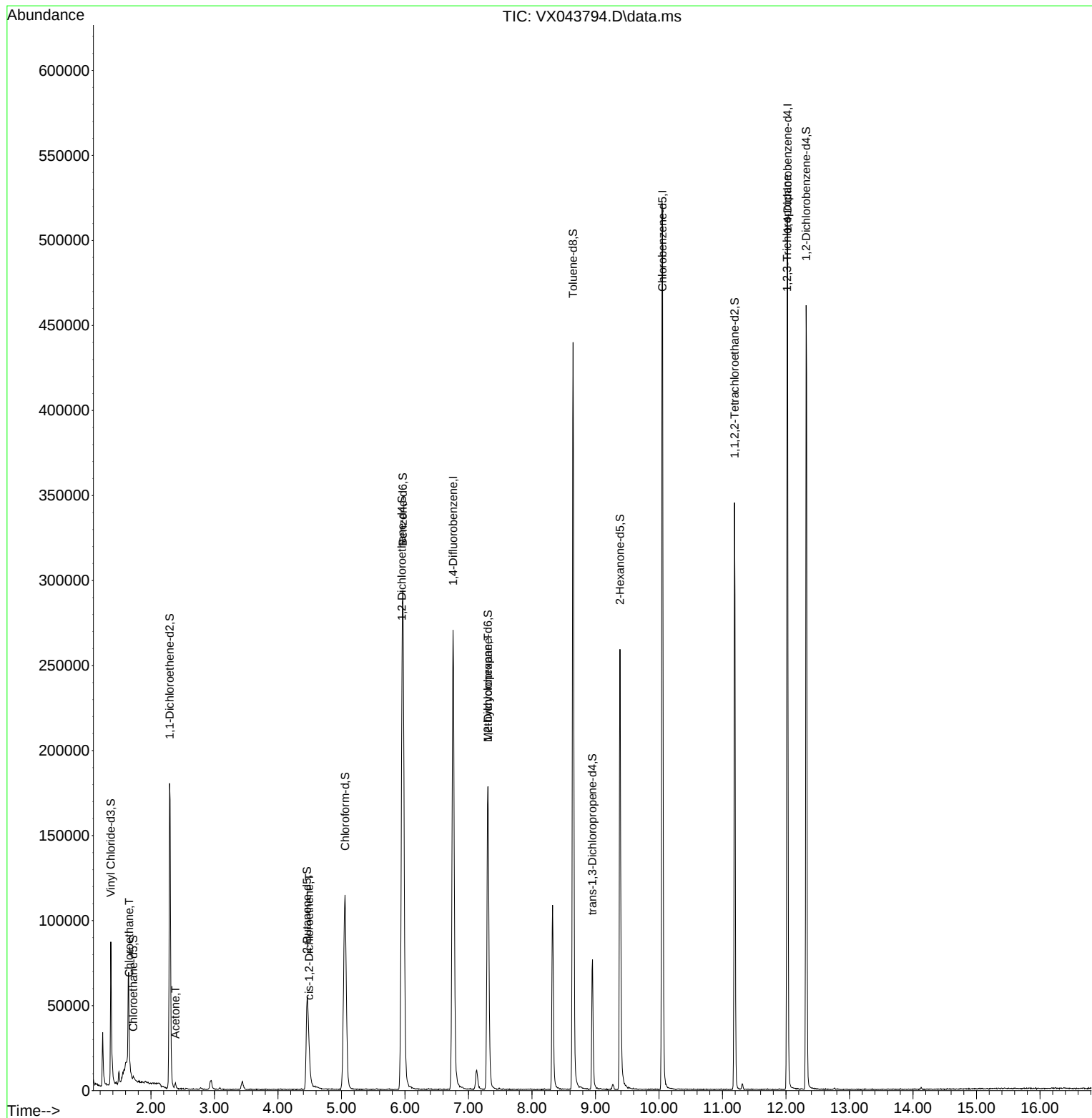
| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| -----                         |         |       |          |          |        |          |
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.757   | 114   | 298937   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 10.055  | 117   | 263773   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 12.024  | 152   | 113604   | 50.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.368   | 65    | 61459    | 38.592   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 77.180%  |
| 7) Chloroethane-d5            | 1.721   | 69    | 2658     | 3.883    | ug/L   | 0.08     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 7.760%#  |
| 11) 1,1-Dichloroethene-d2     | 2.294   | 65    | 31323    | 42.606   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 85.220%  |
| 21) 2-Butanone-d5             | 4.459   | 46    | 92445    | 88.657   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 88.660%  |
| 24) Chloroform-d              | 5.056   | 84    | 147839   | 43.062   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 86.120%  |
| 26) 1,2-Dichloroethane-d4     | 5.952   | 65    | 93385    | 42.818   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 85.640%  |
| 32) Benzene-d6                | 5.964   | 84    | 307545   | 45.097   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 90.200%  |
| 36) 1,2-Dichloropropane-d6    | 7.306   | 67    | 92425    | 44.547   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 89.100%  |
| 41) Toluene-d8                | 8.647   | 98    | 278548   | 44.963   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 89.920%  |
| 43) trans-1,3-Dichloroprop... | 8.952   | 79    | 38889    | 39.194   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 78.380%  |
| 47) 2-Hexanone-d5             | 9.385   | 63    | 78872    | 96.057   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 96.060%  |
| 56) 1,1,2,2-Tetrachloroeth... | 11.189  | 84    | 126694   | 47.593   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 95.180%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.317  | 152   | 102671   | 52.162   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 104.320% |
| Target Compounds              |         |       |          |          |        |          |
|                               |         |       |          |          | Qvalue |          |
| 8) Chloroethane               | 1.654   | 64    | 892      | 1.265    | ug/L # | 67       |
| 13) Acetone                   | 2.386   | 43    | 2773     | 2.859    | ug/L   | 99       |
| 20) cis-1,2-Dichloroethene    | 4.489   | 96    | 3436     | 1.613    | ug/L   | 80       |
| 35) Methylcyclohexane         | 7.306   | 83    | 23659    | 7.834    | ug/L # | 20       |
| 61) 1,2,3-Trichloropropane    | 12.018  | 75    | 11931    | 5.411    | ug/L # | 63       |
| -----                         |         |       |          |          |        |          |

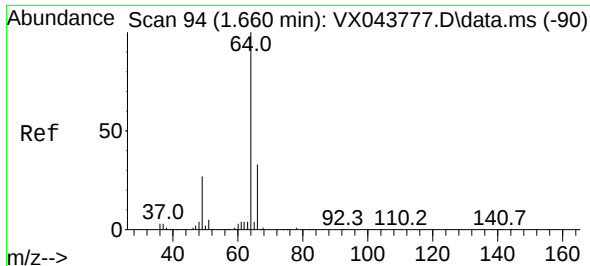
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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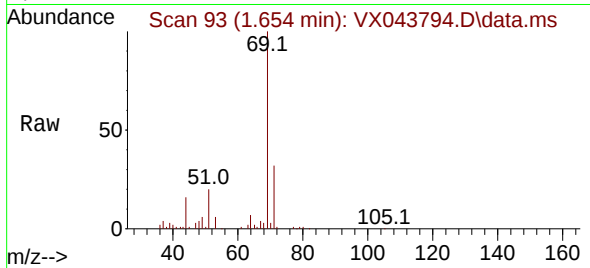
Quant Time: Nov 12 00:55:32 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXML110424WMA.M  
Quant Title : VOC Analysis  
QLast Update : Tue Nov 12 00:51:02 2024  
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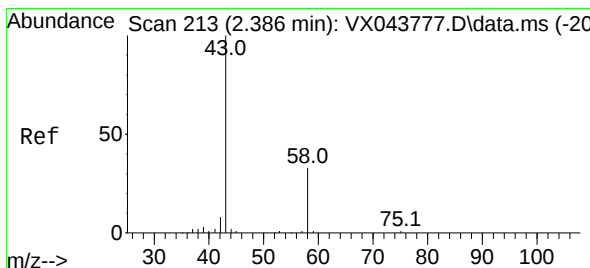
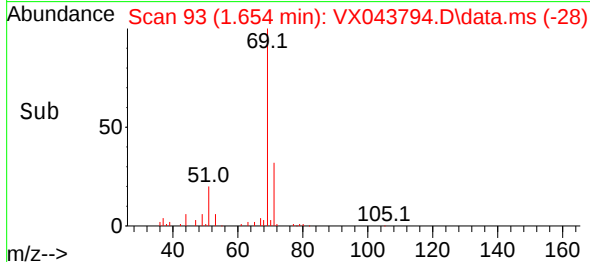
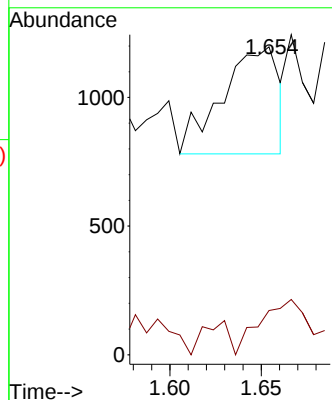


#8  
Chloroethane  
Concen: 1.265 ug/L  
RT: 1.654 min Scan# 94  
Delta R.T. -0.006 min  
Lab File: VX043794.D  
Acq: 11 Nov 2024 16:04

Instrument :  
MSVOA\_X  
ClientSampleId :

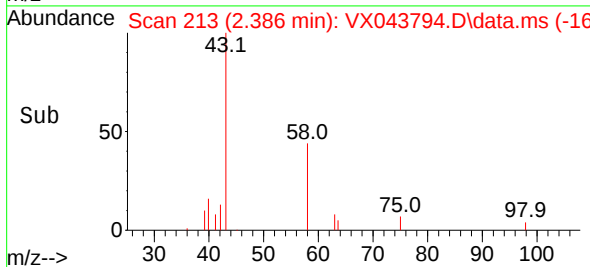
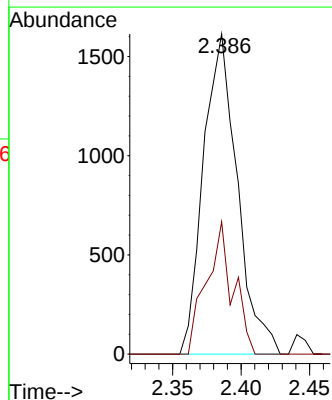
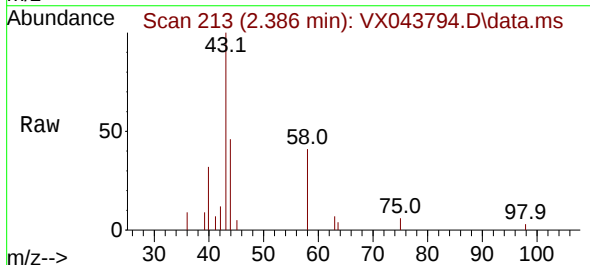


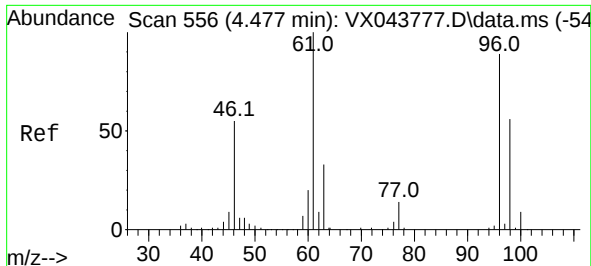
Tgt Ion: 64 Resp: 892  
Ion Ratio Lower Upper  
64 100  
66 14.4 23.2 43.2#



#13  
Acetone  
Concen: 2.859 ug/L  
RT: 2.386 min Scan# 213  
Delta R.T. 0.000 min  
Lab File: VX043794.D  
Acq: 11 Nov 2024 16:04

Tgt Ion: 43 Resp: 2773  
Ion Ratio Lower Upper  
43 100  
58 32.5 0.0 63.6





#20

cis-1,2-Dichloroethene

Concen: 1.613 ug/L

RT: 4.489 min Scan# 51

Delta R.T. 0.012 min

Lab File: VX043794.D

Acq: 11 Nov 2024 16:04

Instrument :

MSVOA\_X

ClientSampleId :

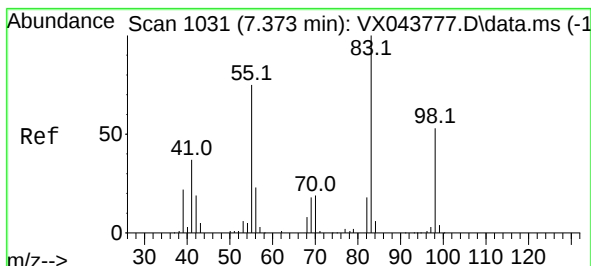
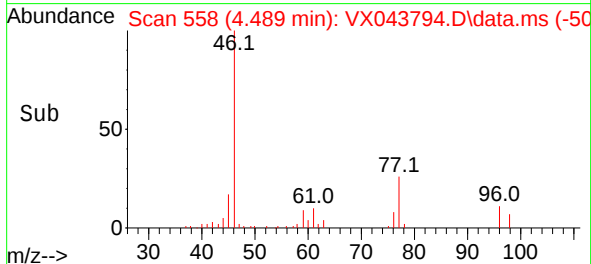
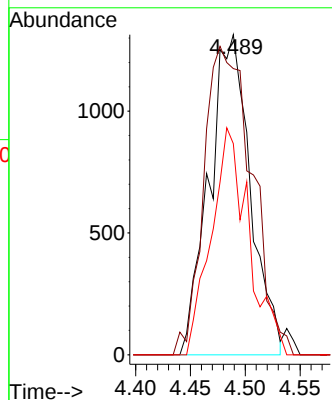
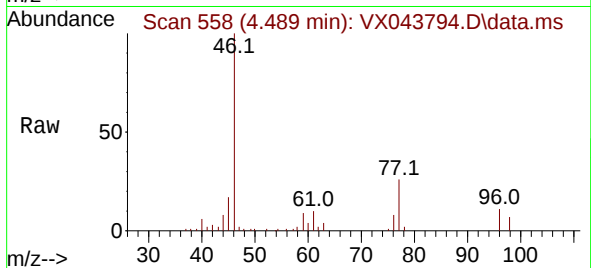
Tgt Ion: 96 Resp: 3436

Ion Ratio Lower Upper

96 100

61 89.4 85.2 158.2

98 66.0 44.6 82.8



#35

Methylcyclohexane

Concen: 7.834 ug/L

RT: 7.306 min Scan# 1020

Delta R.T. -0.067 min

Lab File: VX043794.D

Acq: 11 Nov 2024 16:04

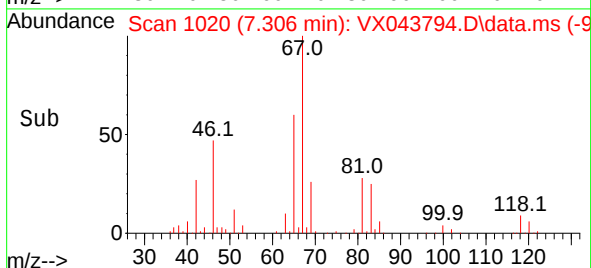
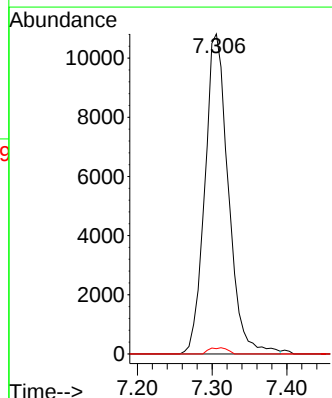
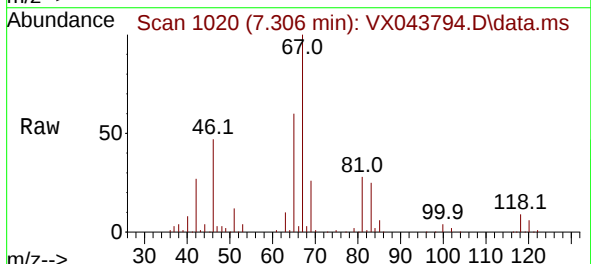
Tgt Ion: 83 Resp: 23659

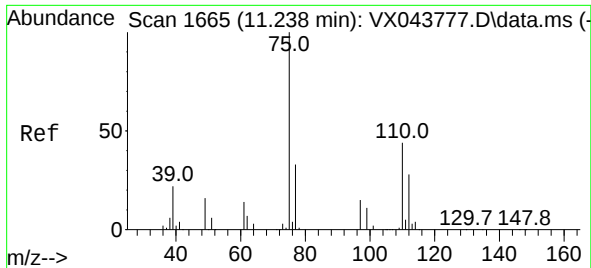
Ion Ratio Lower Upper

83 100

55 0.0 58.6 88.0#

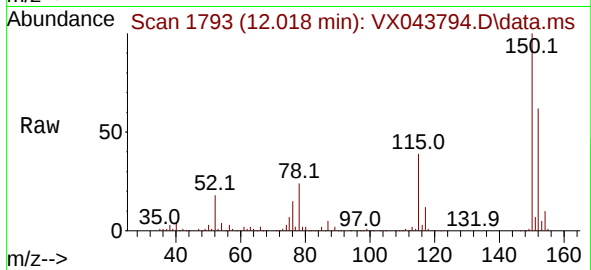
98 1.5 39.0 58.4#





#61  
1,2,3-Trichloropropane  
Concen: 5.411 ug/L  
RT: 12.018 min Scan# 11  
Delta R.T. 0.780 min  
Lab File: VX043794.D  
Acq: 11 Nov 2024 16:04

Instrument :  
MSVOA\_X  
ClientSampleId :



|             |                |
|-------------|----------------|
| Tgt Ion: 75 | Resp: 11931    |
| Ion Ratio   | Lower Upper    |
| 75          | 100            |
| 77          | 34.4 25.4 38.0 |
| 110         | 3.4 33.6 50.4# |

