

# Quantitation Report (QT Reviewed)

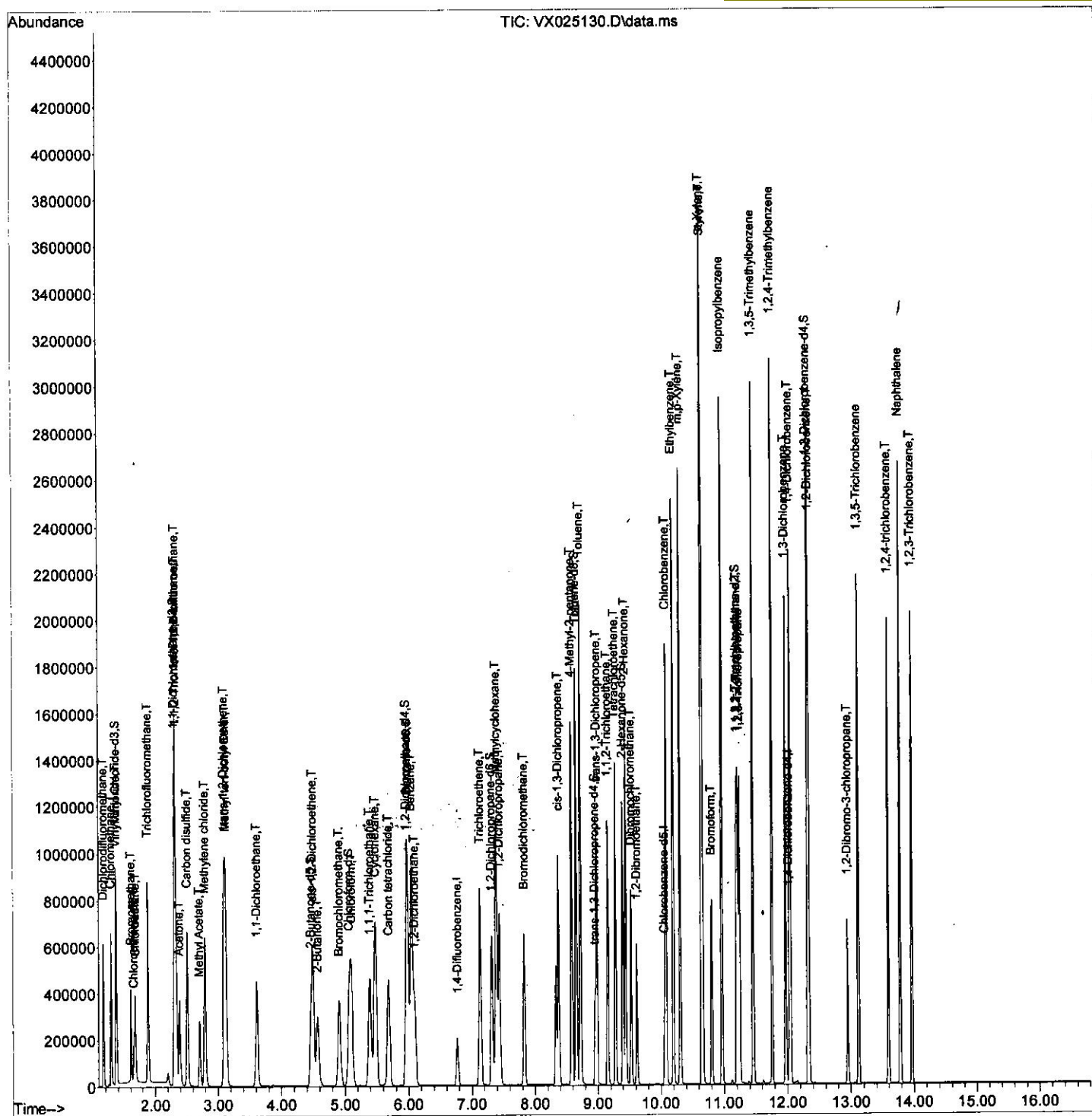
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX111121\  
 Data File : VX025130.D  
 Acq On : 11 Nov 2021 14:49  
 Operator : JC/MD  
 Sample : VSTD20034  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 Client Sampled :  
 VSTD200634

Quant Time: Nov 11 15:12:48 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXLM111121WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Nov 11 14:40:35 2021  
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/12/2021  
 Supervised By : Mahesh Dadoda 11/12/2021



# Quantitation Report (Qedit)

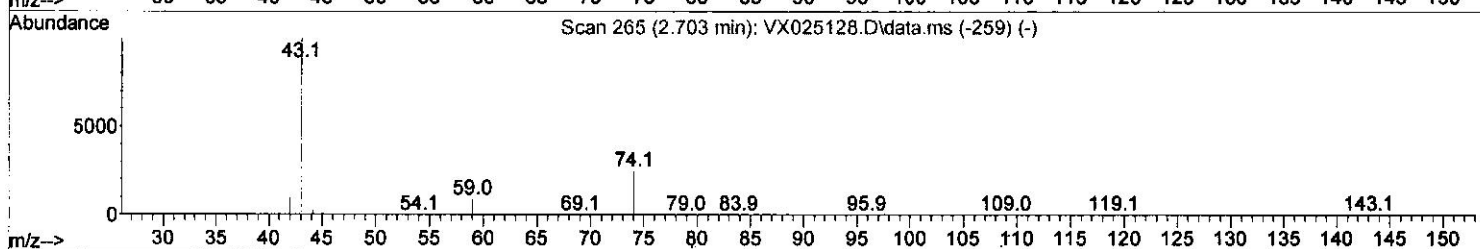
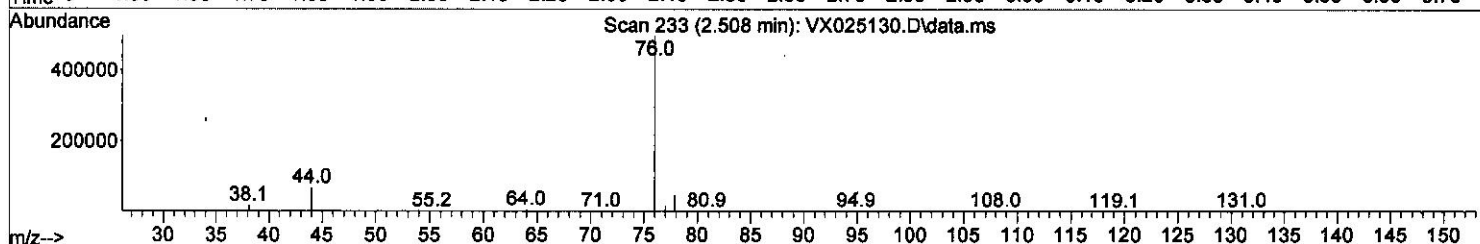
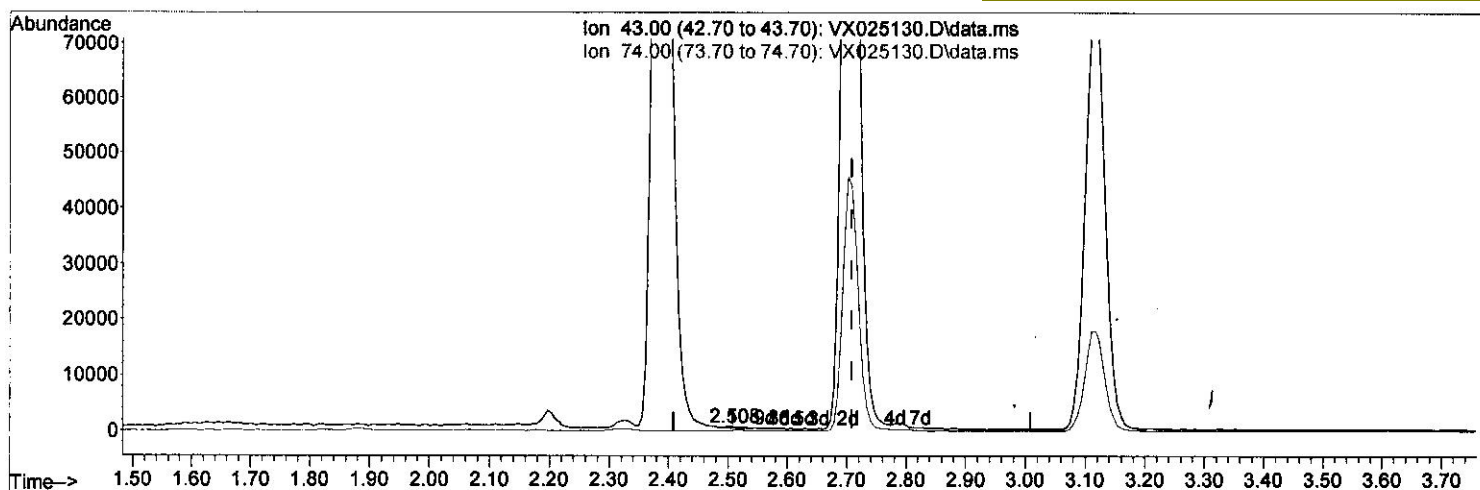
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TIC: VX025130.D\data.ms

(15) Methyl Acetate (T)

2.508min (-0.201) 0.27 ug/L

response 470

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 43.00 | 100.00 | 100.00 |
| 74.00 | 35.70  | 31.91  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

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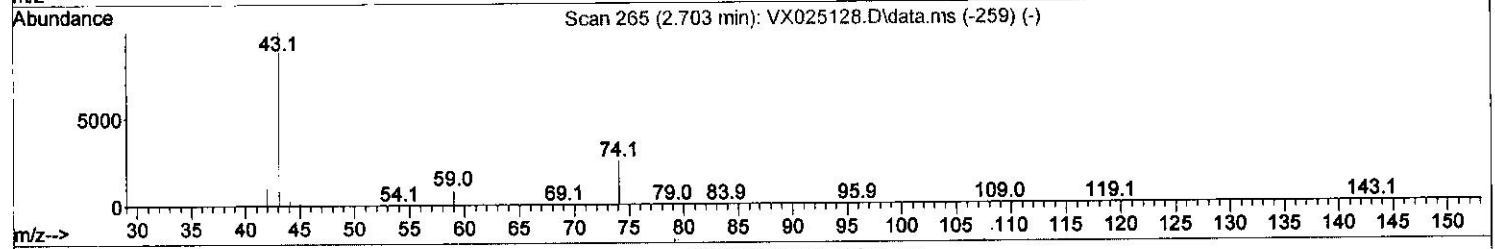
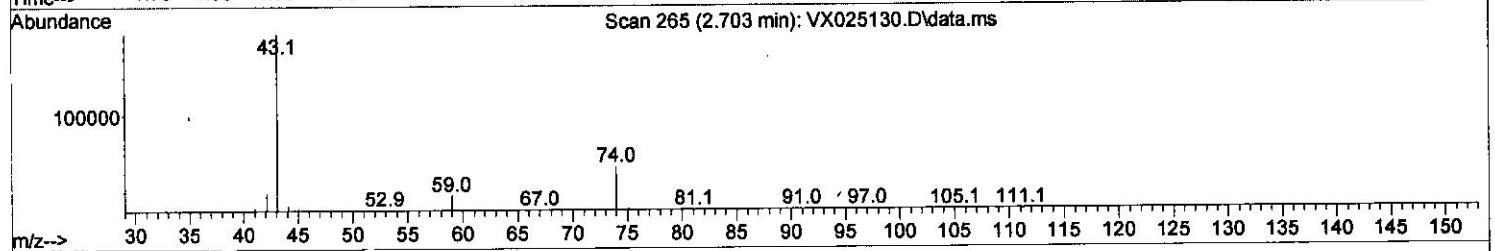
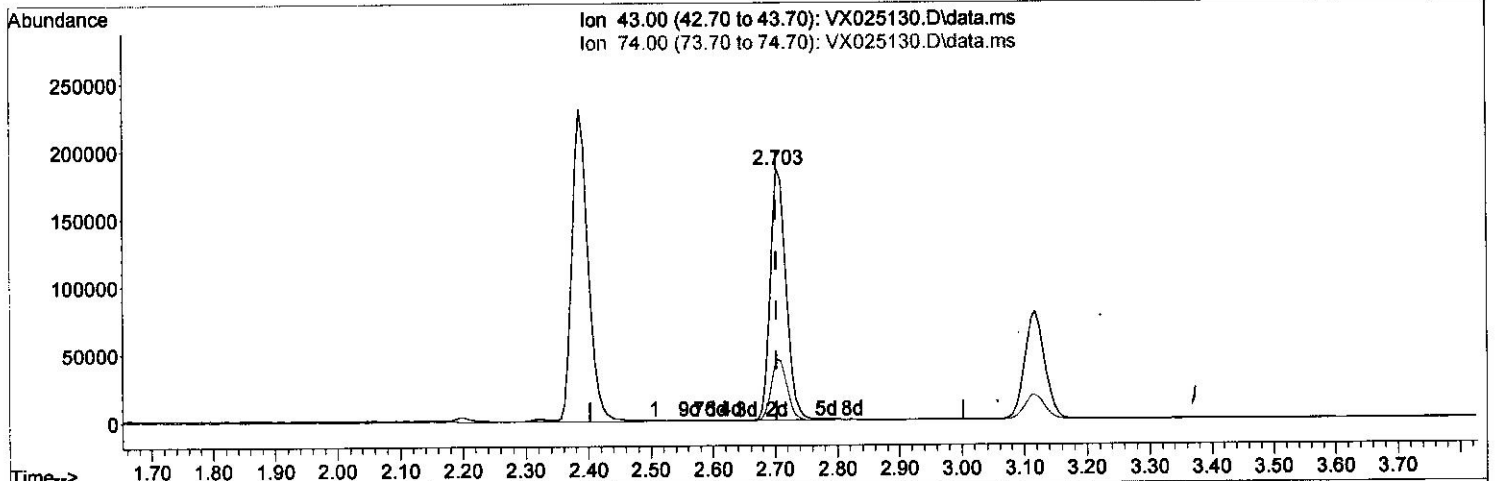
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TIC: VX025130.D\data.ms

(15) Methyl Acetate (T)

2.703min ( 0.000) 175.29 ug/L m

response 330485

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 43.00 | 100.00 | 100.00 |
| 74.00 | 35.70  | 0.05#  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

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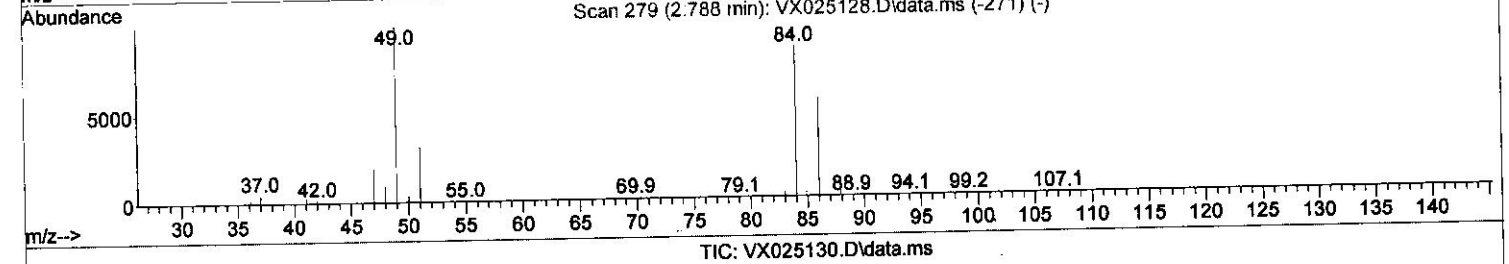
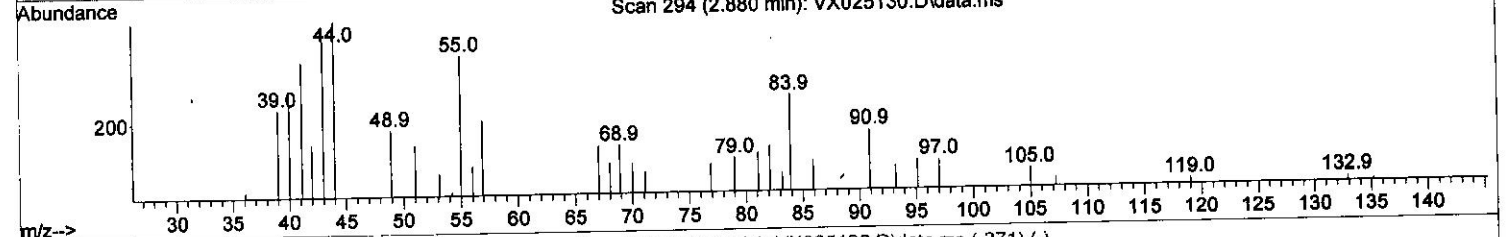
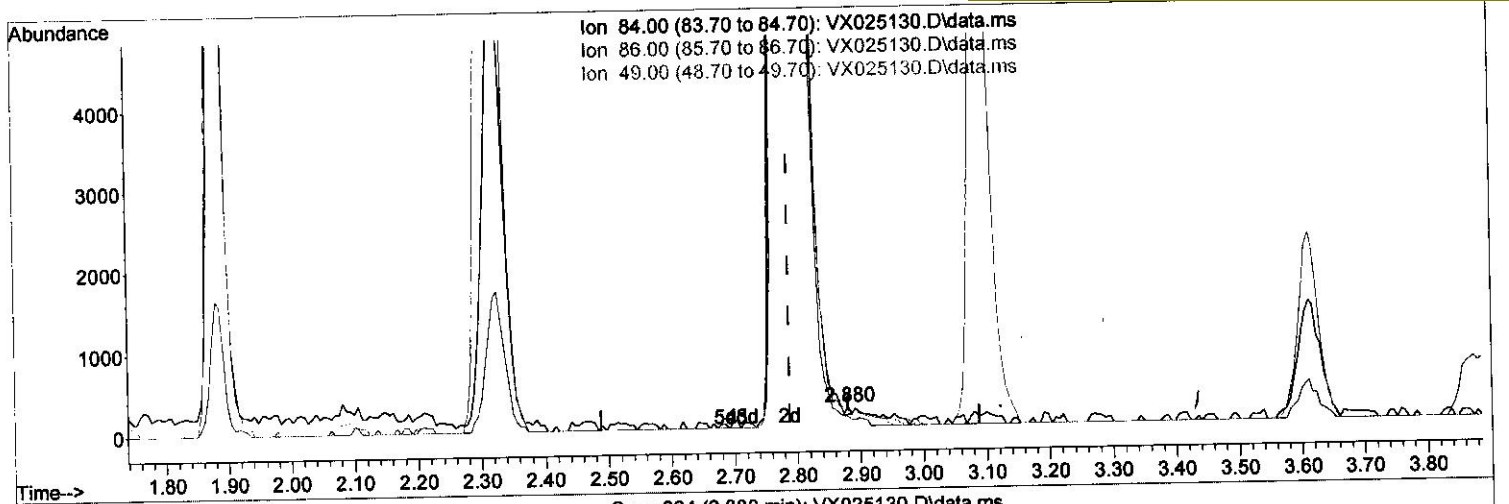
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(16) Methylene chloride (T)

2.880min (+ 0.091) 0.02 ug/L

response 38

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 84.00 | 100.00 | 100.00 |
| 86.00 | 63.50  | 46.89  |
| 49.00 | 91.40  | 75.93  |
| 0.00  | 0.00   | 0.00   |

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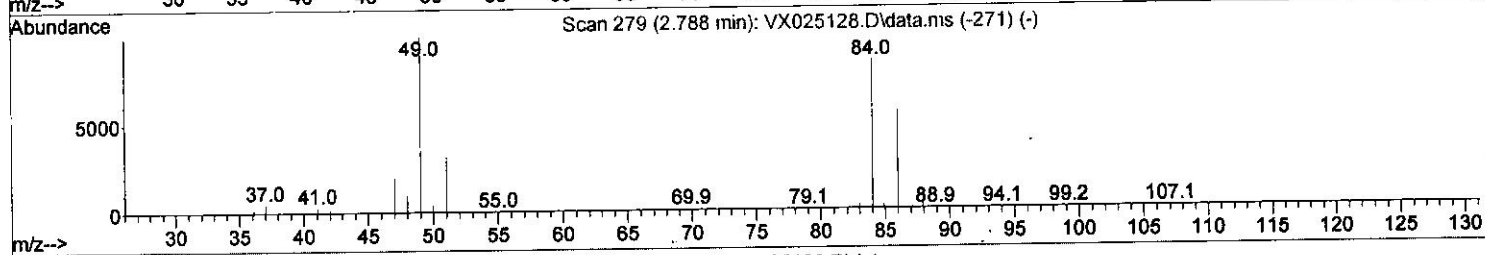
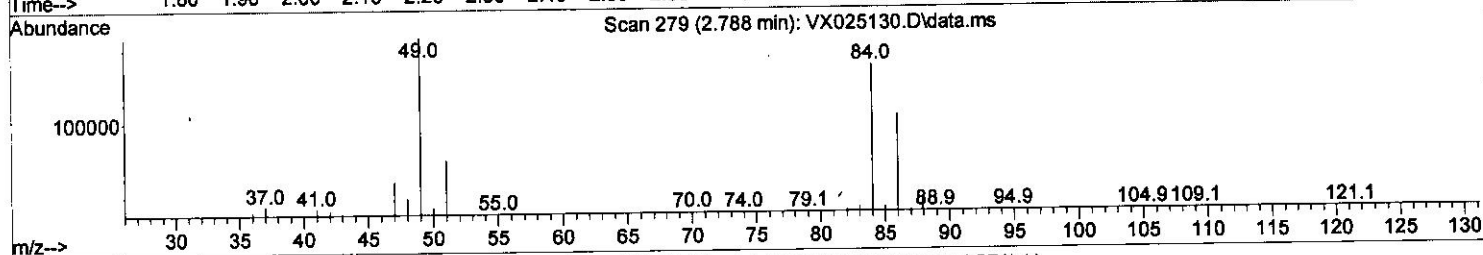
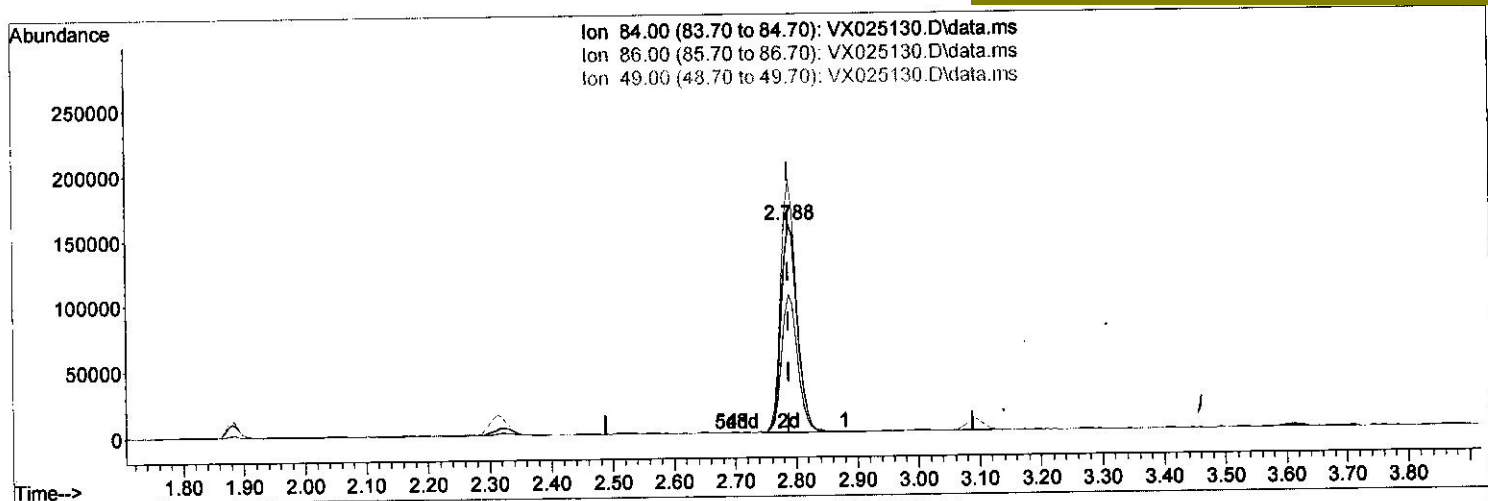
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TIC: VX025130.D\data.ms

(16) Methylene chloride (T)

2.788min ( 0.000) 166.92 ug/L m

response 295231

| Ion   | Exp%   | Act%    |
|-------|--------|---------|
| 84.00 | 100.00 | 100.00  |
| 86.00 | 63.50  | 65.85   |
| 49.00 | 91.40  | 120.79# |
| 0.00  | 0.00   | 0.00    |

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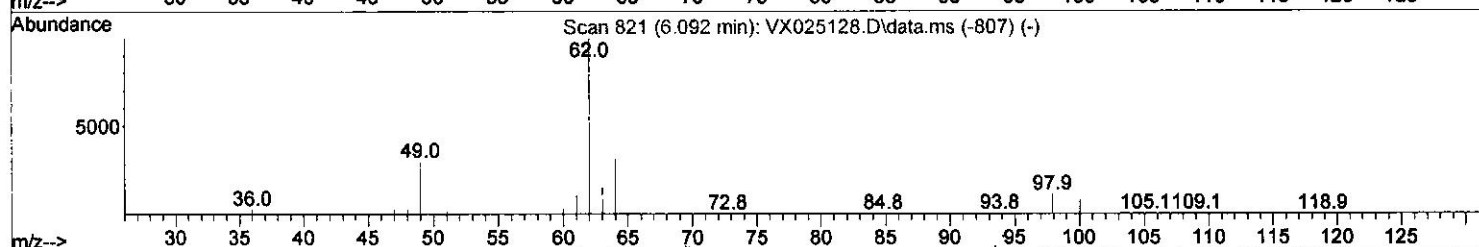
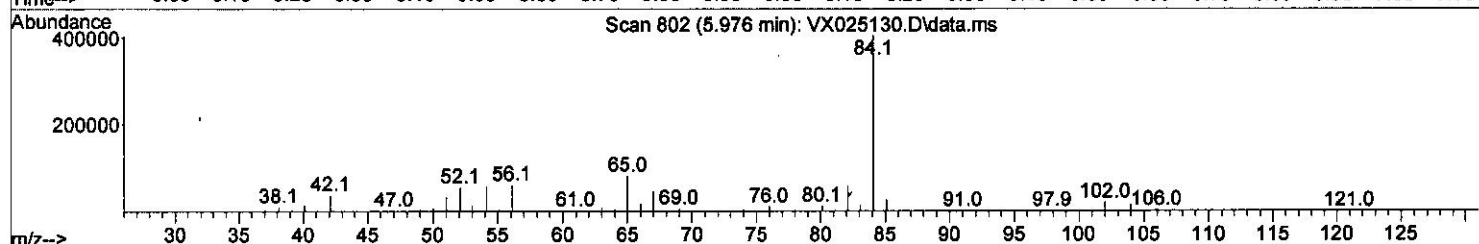
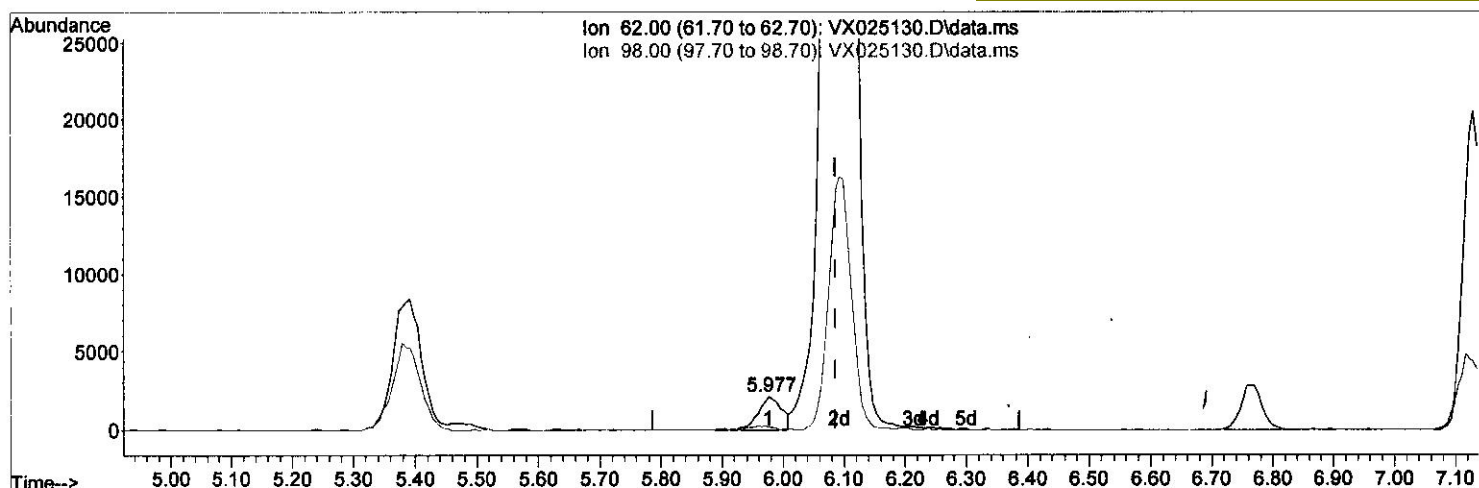
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TIC: VX025130.D\data.ms

(27) 1,2-Dichloroethane (T)

5.976min (-0.110) 2.83 ug/L

response 5658

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 62.00 | 100.00 | 100.00 |
| 98.00 | 6.90   | 7.47   |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

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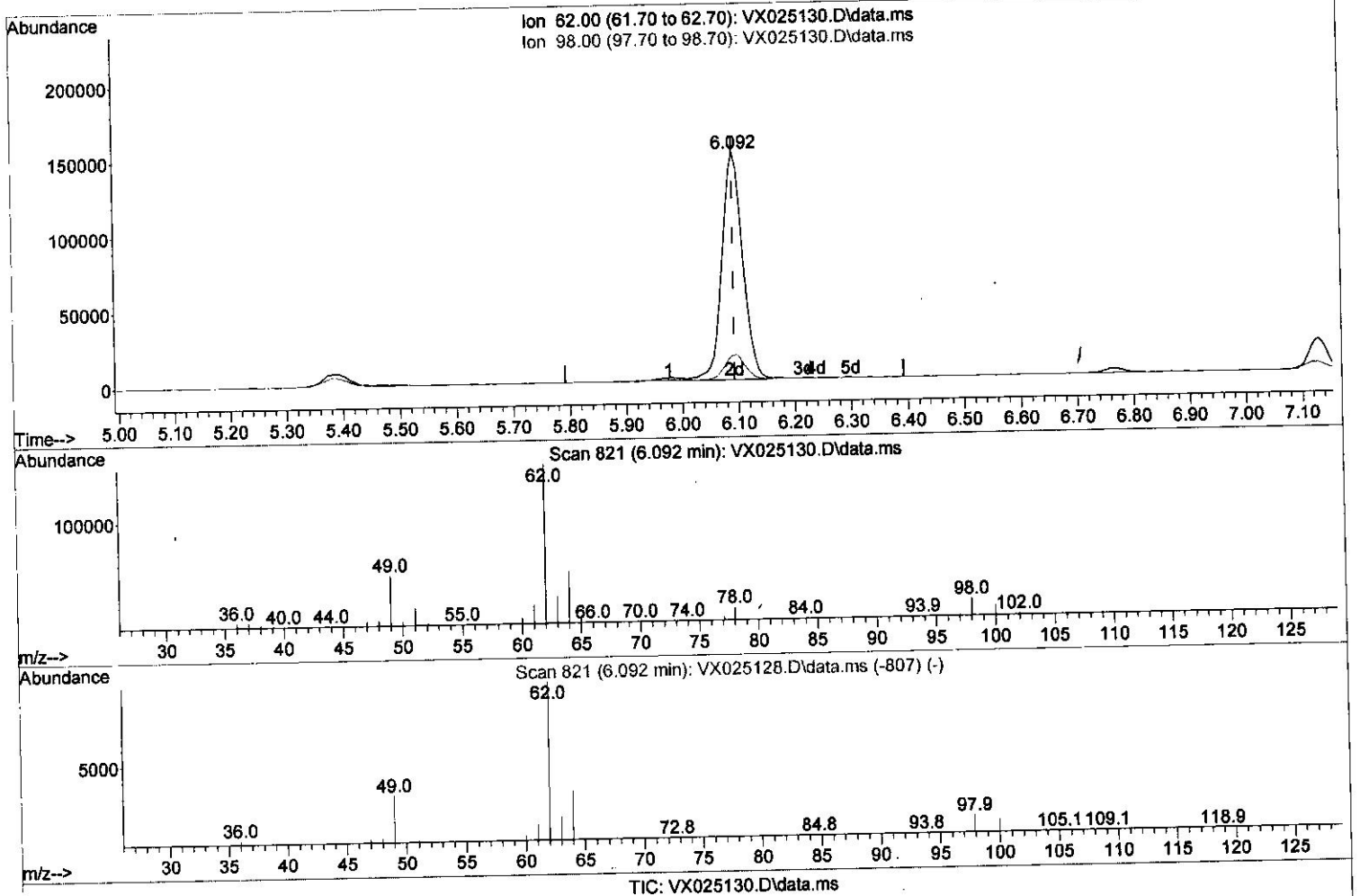
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(27) 1,2-Dichloroethane (T)

6.092min ( 0.000) 141.65 ug/L m

response 384997

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 62.00 | 100.00 | 100.00 |
| 98.00 | 6.90   | 10.80# |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

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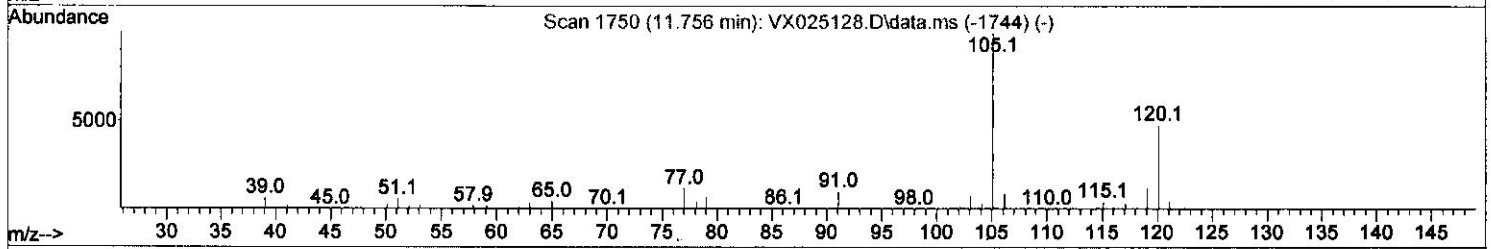
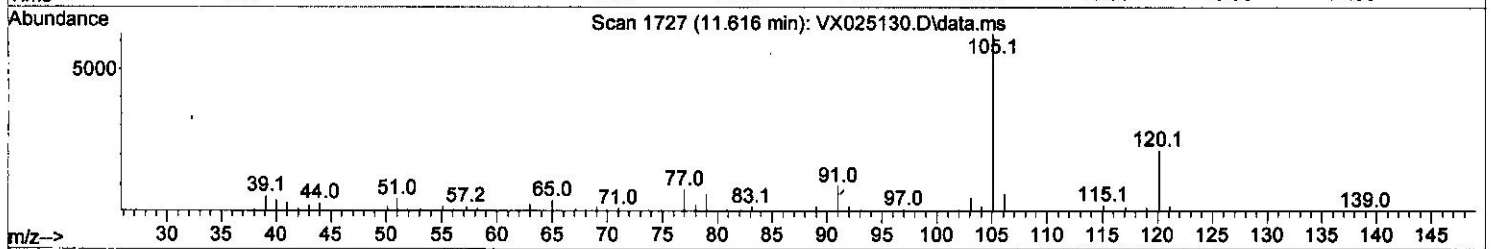
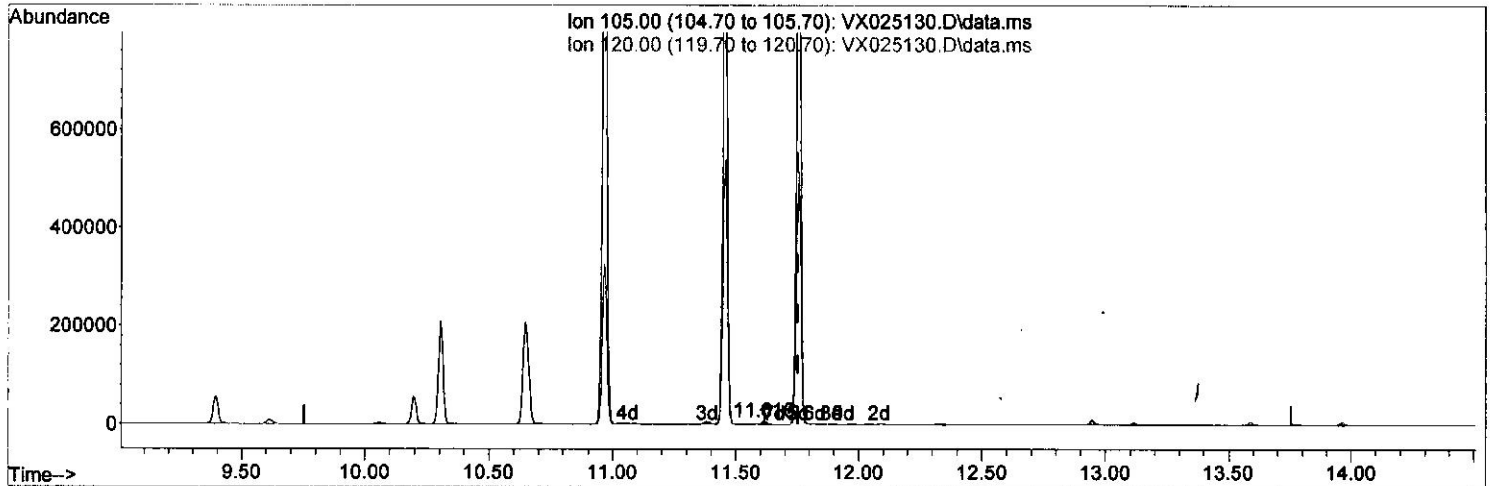
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TIC: VX025130.D\data.ms

(63) 1,2,4-Trimethylbenzene

11.616min (-0.140) 1.10 ug/L

response 7700

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 105.00 | 100.00 | 100.00 |
| 120.00 | 38.80  | 34.16  |
| 0.00   | 0.00   | 0.00   |
| 0.00   | 0.00   | 0.00   |

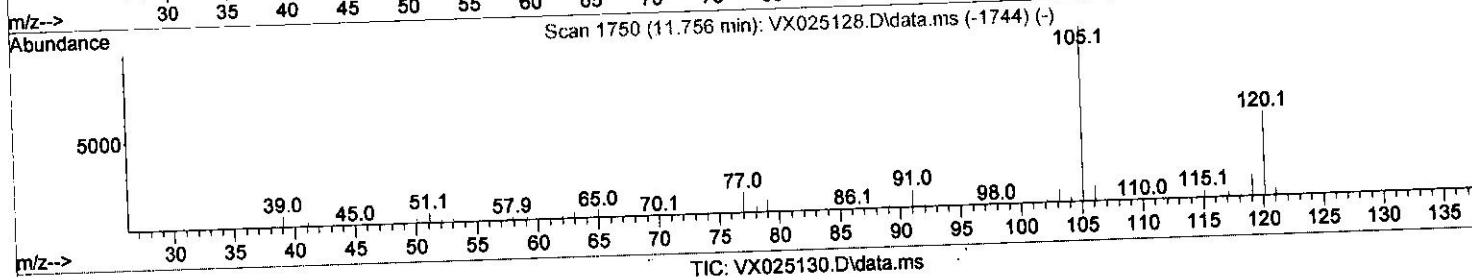
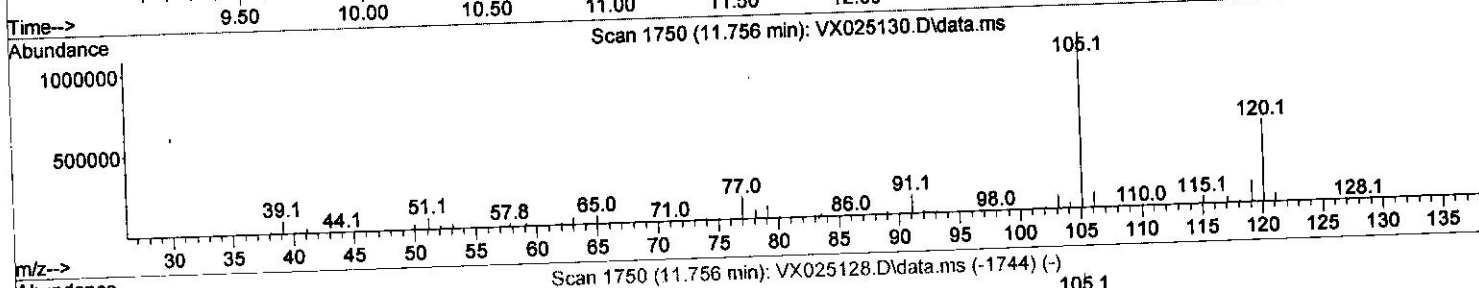
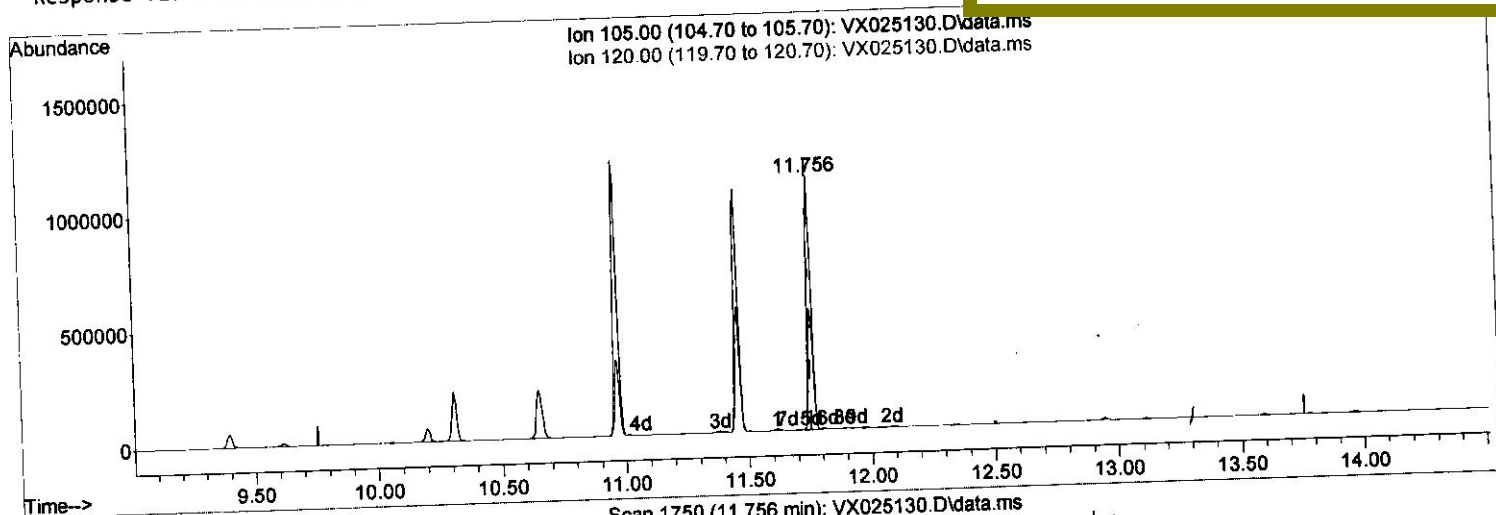
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**Instrument :**  
MSVOA\_X  
**ClientSampleId :**  
VSTD200634

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11.756min ( 0.000) 172.87 ug/L m

response 1293992

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 105.00 | 100.00 | 100.00 |
| 120.00 | 38.80  | 0.20#  |
| 0.00   | 0.00   | 0.00   |
| 0.00   | 0.00   | 0.00   |

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| Compound                      | R.T.   | QIon | Response | Conc Units    | Dev(Min) |
|-------------------------------|--------|------|----------|---------------|----------|
| Internal Standards            |        |      |          |               |          |
| 1) 1,4-Difluorobenzene        | 6.769  | 114  | 226992   | 50.00 ug/L    | 0.00     |
| 28) Chlorobenzene-d5          | 10.055 | 117  | 209480   | 50.00 ug/L    | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 12.024 | 152  | 115089   | 50.00 ug/L    | 0.00     |
| System Monitoring Compounds   |        |      |          |               |          |
| 4) Vinyl Chloride-d3          | 1.368  | 65   | 289453   | 148.71 ug/L   | 0.00     |
| 7) Chloroethane-d5            | 1.654  | 69   | 125548   | 110.23 ug/L   | 0.00     |
| 11) 1,1-Dichloroethene-d2     | 2.306  | 63   | 504943   | 136.12 ug/L   | 0.00     |
| 21) 2-Butanone-d5             | 4.465  | 46   | 454798   | 333.42 ug/L   | 0.00     |
| 24) Chloroform-d              | 5.062  | 84   | 520820   | 138.21 ug/L   | 0.00     |
| 26) 1,2-Dichloroethane-d4     | 5.964  | 65   | 307906   | 126.42 ug/L   | 0.00     |
| 32) Benzene-d6                | 5.976  | 84   | 1090157  | 156.40 ug/L   | 0.00     |
| 36) 1,2-Dichloropropane-d6    | 7.312  | 67   | 332134   | 154.97 ug/L   | 0.00     |
| 41) Toluene-d8                | 8.653  | 98   | 1044101  | 169.01 ug/L   | 0.00     |
| 43) trans-1,3-Dichloroprop... | 8.952  | 79   | 184754   | 166.14 ug/L   | 0.00     |
| 47) 2-Hexanone-d5             | 9.391  | 63   | 371940   | 401.39 ug/L   | 0.00     |
| 56) 1,1,2,2-Tetrachloroeth... | 11.195 | 84   | 503339   | 166.52 ug/L   | 0.00     |
| 66) 1,2-Dichlorobenzene-d4    | 12.323 | 152  | 428617   | 192.20 ug/L   | 0.00     |
| Target Compounds              |        |      |          |               |          |
| 2) Dichlorodifluoromethane    | 1.166  | 85   | 327249   | 146.30 ug/L   | 97       |
| 3) Chloromethane              | 1.288  | 50   | 354662   | 208.91 ug/L   | 88       |
| 5) Vinyl chloride             | 1.374  | 62   | 366407   | 189.09 ug/L   | 98       |
| 6) Bromomethane               | 1.605  | 94   | 132765   | 117.44 ug/L   | 95       |
| 8) Chloroethane               | 1.679  | 64   | 192940   | 178.08 ug/L   | 98       |
| 9) Trichlorofluoromethane     | 1.880  | 101  | 535612   | 155.92 ug/L   | 99       |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.325  | 101  | 282050   | 158.76 ug/L   | 98       |
| 12) 1,1-Dichloroethene        | 2.319  | 96   | 273888   | 172.90 ug/L # | 81       |
| 13) Acetone                   | 2.386  | 43   | 406339   | 306.61 ug/L   | 98       |
| 14) Carbon disulfide          | 2.508  | 76   | 815622   | 192.96 ug/L   | 99       |
| 15) Methyl Acetate            | 2.703  | 43   | 330485m  | 175.29 ug/L   |          |
| 16) Methylene chloride        | 2.788  | 84   | 295231m  | 166.92 ug/L   |          |
| 17) trans-1,2-Dichloroethene  | 3.093  | 96   | 291478   | 179.14 ug/L   | 92       |
| 18) Methyl tert-butyl Ether   | 3.117  | 73   | 927746   | 152.48 ug/L # | 89       |
| 19) 1,1-Dichloroethane        | 3.611  | 63   | 502371   | 153.39 ug/L   | 94       |
| 20) cis-1,2-Dichloroethene    | 4.489  | 96   | 324637   | 173.83 ug/L # | 100      |
| 22) 2-Butanone                | 4.562  | 43   | 552598   | 343.93 ug/L   | 83       |
| 23) Bromochloromethane        | 4.904  | 128  | 165139   | 185.01 ug/L # | 73       |
| 25) Chloroform                | 5.099  | 83   | 514553   | 144.29 ug/L   | 98       |
| 27) 1,2-Dichloroethane        | 6.092  | 62   | 384997m  | 141.65 ug/L   |          |
| 29) Cyclohexane               | 5.477  | 56   | 501383   | 165.83 ug/L   | 85       |
| 30) 1,1,1-Trichloroethane     | 5.391  | 97   | 472121   | 135.91 ug/L # | 94       |
| 31) Carbon tetrachloride      | 5.684  | 117  | 422220   | 150.68 ug/L   | 98       |
| 33) Benzene                   | 6.044  | 78   | 1206731  | 162.31 ug/L   | 100      |
| 34) Trichloroethene           | 7.129  | 95   | 314927   | 162.18 ug/L   | 84       |
| 35) Methylcyclohexane         | 7.385  | 83   | 534997   | 179.80 ug/L   | 93       |
| 37) 1,2-Dichloropropane       | 7.434  | 63   | 305882   | 173.71 ug/L   | 99       |
| 38) Bromodichloromethane      | 7.824  | 83   | 409479   | 160.27 ug/L   | 97       |
| 39) cis-1,3-Dichloropropene   | 8.372  | 75   | 507606   | 174.56 ug/L   | 99       |
| 40) 4-Methyl-2-pentanone      | 8.580  | 43   | 969594   | 349.09 ug/L # | 84       |
| 42) Toluene                   | 8.720  | 91   | 1339058  | 180.75 ug/L   | 96       |

MD  
 11/11/21

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| Compound                      | R.T.   | Q Ion | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|--------|--------|----------|
| 44) trans-1,3-Dichloropropene | 8.982  | 75    | 499129   | 177.95 | ug/L   | 98       |
| 45) 1,1,2-Trichloroethane     | 9.153  | 97    | 306697   | 189.98 | ug/L   | 99       |
| 46) Tetrachloroethene         | 9.275  | 164   | 262634   | 232.35 | ug/L   | 90       |
| 48) 2-Hexanone                | 9.439  | 43    | 825684   | 367.04 | ug/L # | 84       |
| 49) Dibromochloromethane      | 9.525  | 129   | 356822   | 205.00 | ug/L   | 100      |
| 50) 1,2-Dibromoethane         | 9.616  | 107   | 331908   | 191.80 | ug/L # | 96       |
| 51) Chlorobenzene             | 10.086 | 112   | 854292   | 196.68 | ug/L   | 97       |
| 52) Ethylbenzene              | 10.195 | 91    | 1458876  | 184.14 | ug/L   | 95       |
| 53) m,p-Xylene                | 10.305 | 106   | 593687   | 201.96 | ug/L   | 81       |
| 54) o-Xylene                  | 10.646 | 106   | 577977   | 205.47 | ug/L   | 85       |
| 55) Styrene                   | 10.659 | 104   | 1022028  | 209.92 | ug/L   | 88       |
| 57) 1,1,2,2-Tetrachloroethane | 11.213 | 83    | 501492   | 167.89 | ug/L   | 97       |
| 59) Bromoform                 | 10.805 | 173   | 289732   | 216.09 | ug/L # | 95       |
| 60) Isopropylbenzene          | 10.963 | 105   | 1504167  | 167.05 | ug/L   | 96       |
| 61) 1,2,3-Trichloropropane    | 11.244 | 75    | 396207   | 150.10 | ug/L   | 94       |
| 62) 1,3,5-Trimethylbenzene    | 11.457 | 105   | 1277933  | 166.43 | ug/L   | 89       |
| 63) 1,2,4-Trimethylbenzene    | 11.756 | 105   | 1293992m | 172.87 | ug/L   |          |
| 64) 1,3-Dichlorobenzene       | 11.975 | 146   | 694670   | 200.35 | ug/L   | 94       |
| 65) 1,4-Dichlorobenzene       | 12.042 | 146   | 696698   | 197.69 | ug/L   | 95       |
| 67) 1,2-Dichlorobenzene       | 12.341 | 146   | 692046   | 195.22 | ug/L   | 93       |
| 68) 1,2-Dibromo-3-chloropr... | 12.945 | 75    | 124105   | 156.82 | ug/L # | 66       |
| 69) 1,3,5-Trichlorobenzene    | 13.115 | 180   | 513868   | 213.16 | ug/L   | 97       |
| 70) 1,2,4-trichlorobenzene    | 13.591 | 180   | 472607   | 234.45 | ug/L   | 98       |
| 71) Naphthalene               | 13.780 | 128   | 1627237  | 230.07 | ug/L   | 99       |
| 72) 1,2,3-Trichlorobenzene    | 13.963 | 180   | 468052   | 238.63 | ug/L   | 96       |

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