

# Quantitation Report (Qedit)

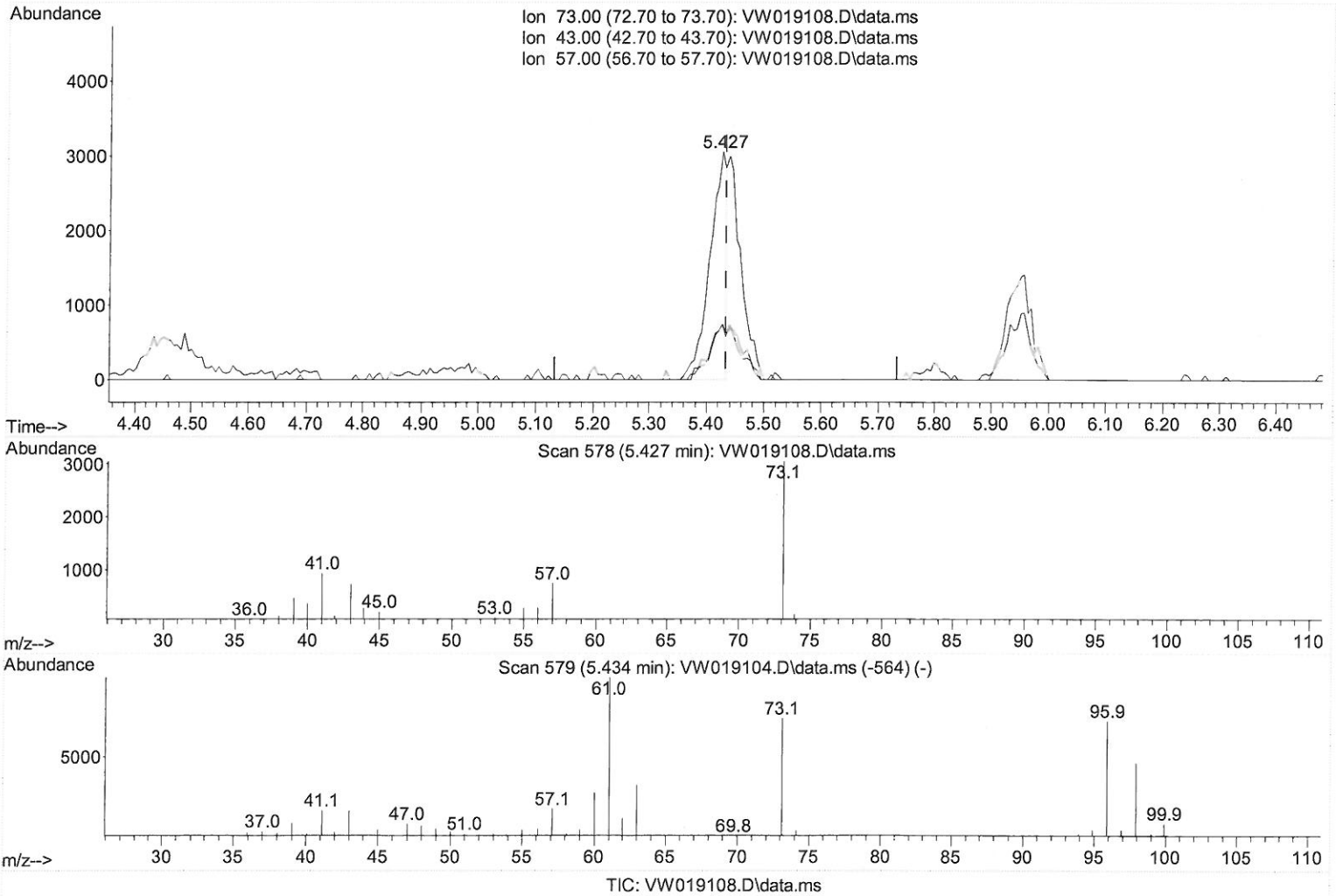
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW060321\  
 Data File : VW019108.D  
 Acq On : 03 Jun 2021 15:46  
 Operator : SY/VA  
 Sample : M2596-12  
 Misc : 5.44G/10ML/MSVOA\_W/SOIL  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BG5Q8

Manual Integrations  
 APPROVED

MMDadoda  
 6/7/2021 6:49:44 PM

Quant Time: Jun 04 01:04:35 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM060221SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri Jun 04 01:03:52 2021  
 Response via : Initial Calibration



(18) Methyl tert-butyl Ether (T)

5.427min (-0.006) 0.46 ug/L

response 6301

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 73.00 | 100.00 | 100.00 |
| 43.00 | 22.10  | 9.97#  |
| 57.00 | 21.20  | 23.54  |
| 0.00  | 0.00   | 0.00   |

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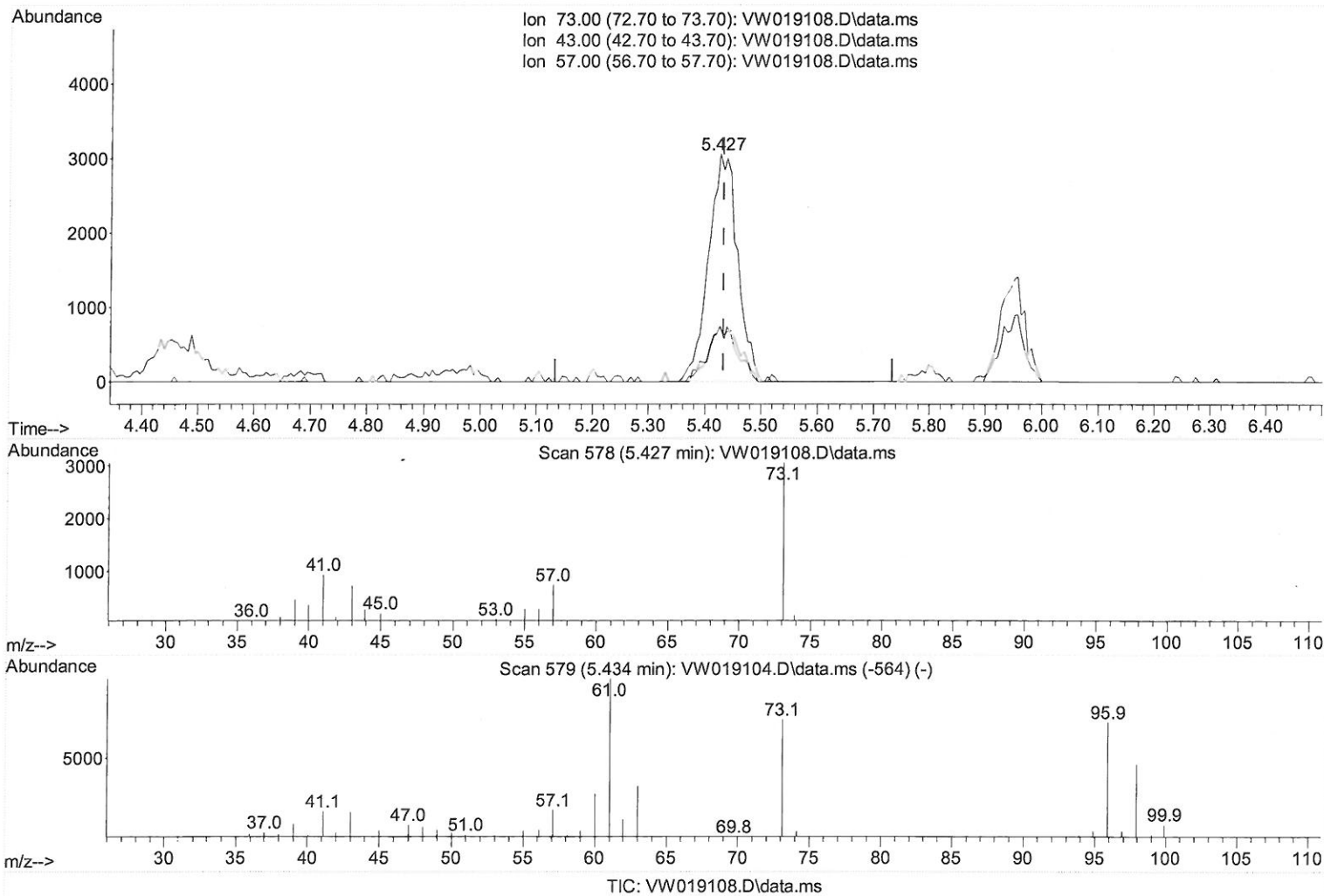
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(18) Methyl tert-butyl Ether (T)

5.427min (-0.006) 0.80 ug/L m

206/14/21 SY

response 10962

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 73.00 | 100.00 | 100.00 |
| 43.00 | 22.10  | 5.73#  |
| 57.00 | 21.20  | 13.53# |
| 0.00  | 0.00   | 0.00   |

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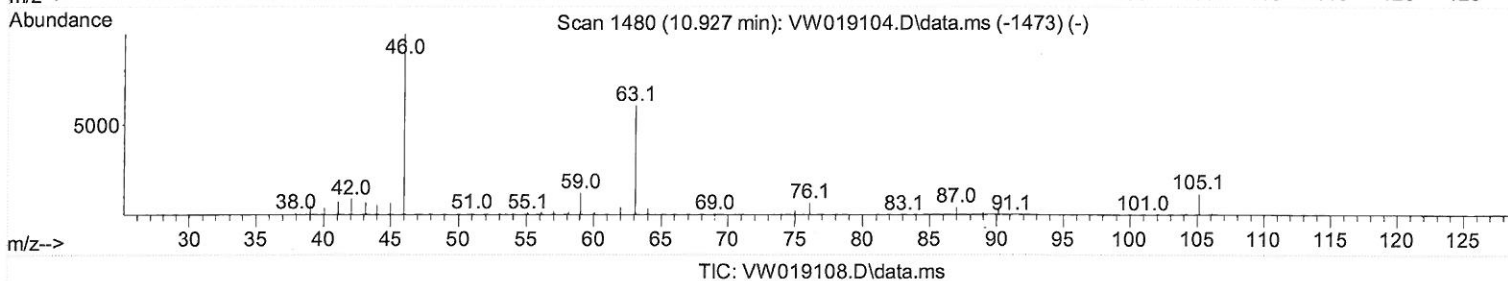
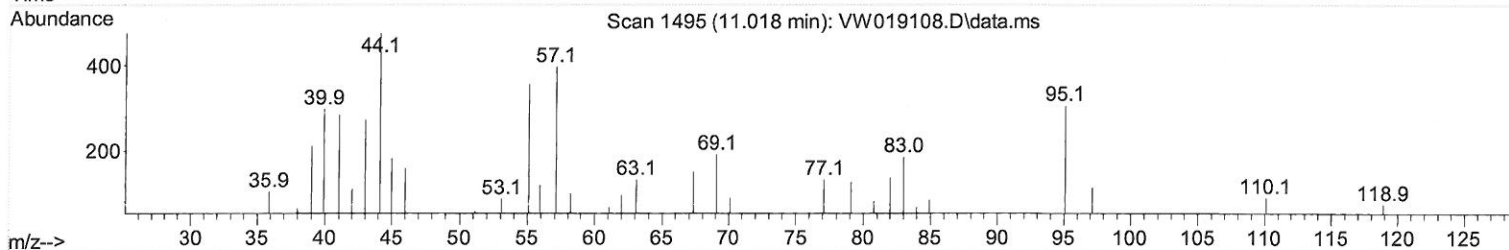
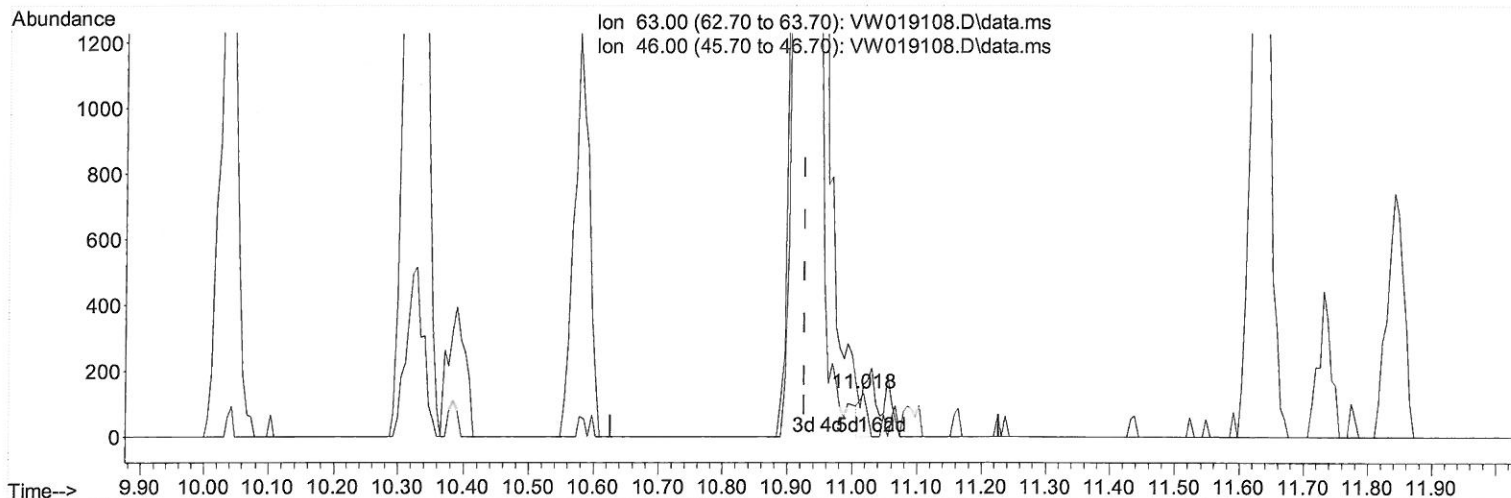
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(47) 2-Hexanone-d5 (S)

11.018min (+ 0.091) 0.06 ug/L

response 115

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 63.00 | 100.00 | 100.00 |
| 46.00 | 177.50 | 221.74 |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

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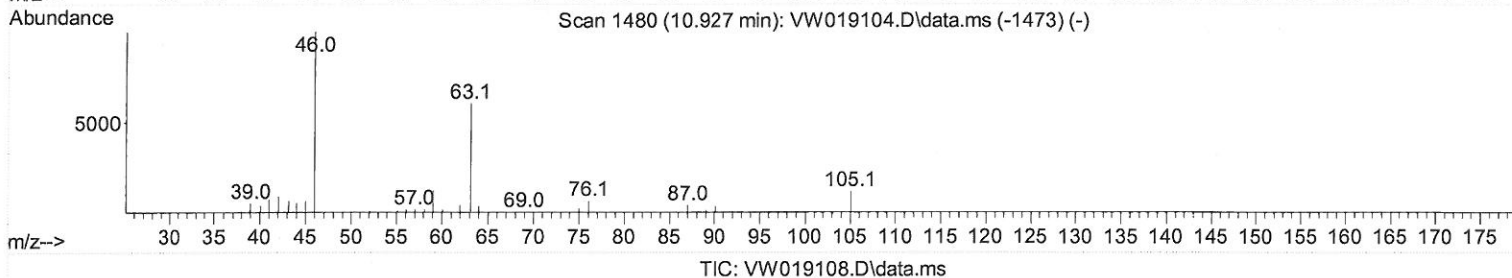
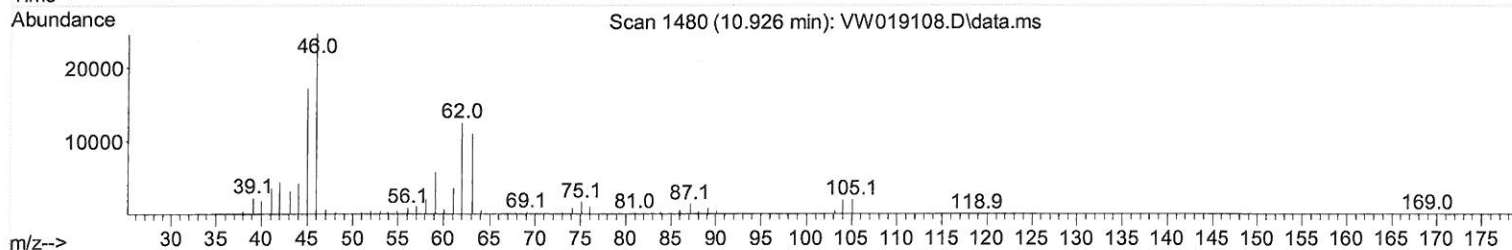
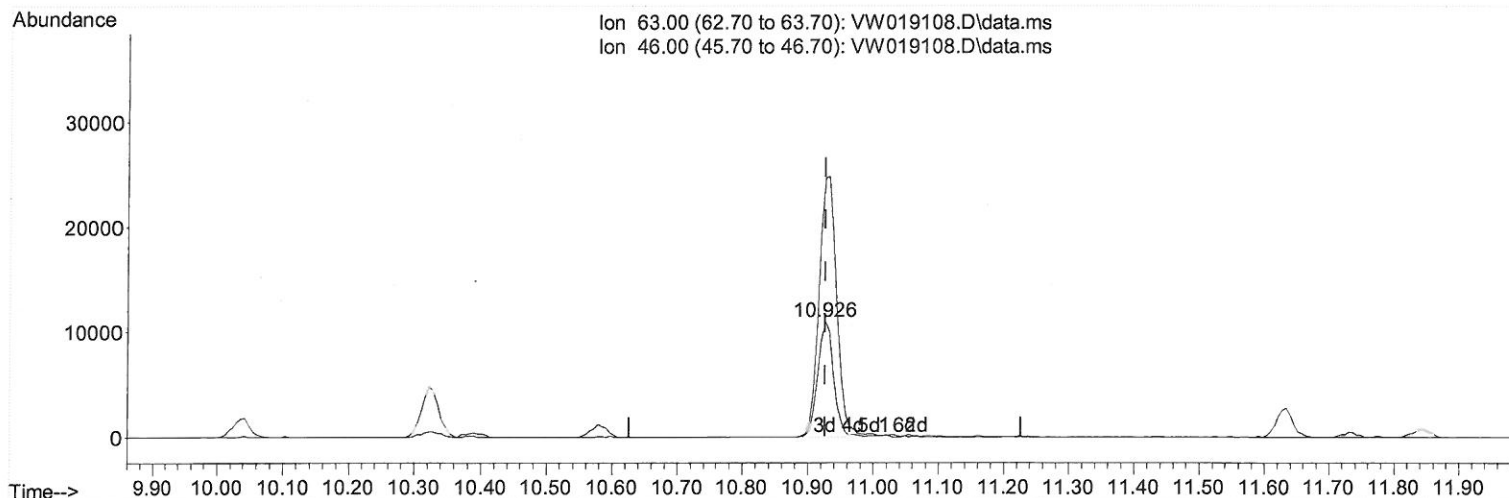
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(47) 2-Hexanone-d5 (S)

10.926min (-0.000) 10.30 ug/L m

response 18327

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 63.00 | 100.00 | 100.00 |
| 46.00 | 177.50 | 1.39#  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |



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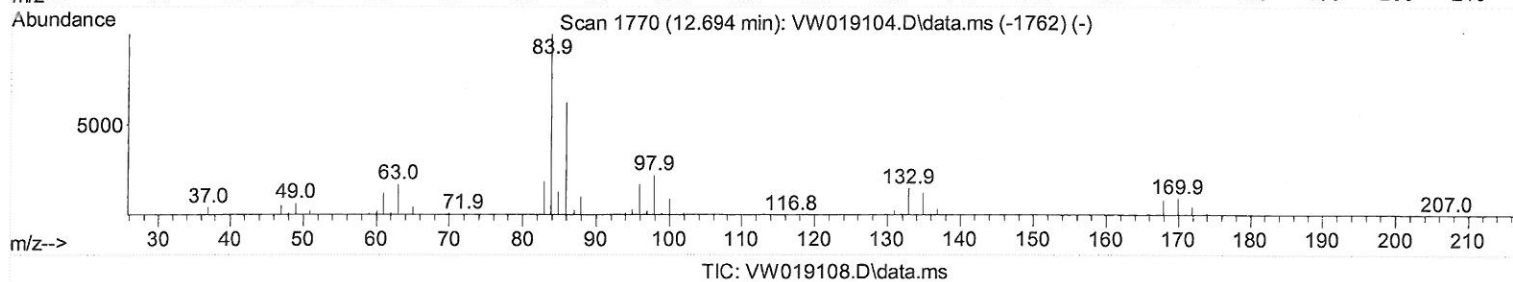
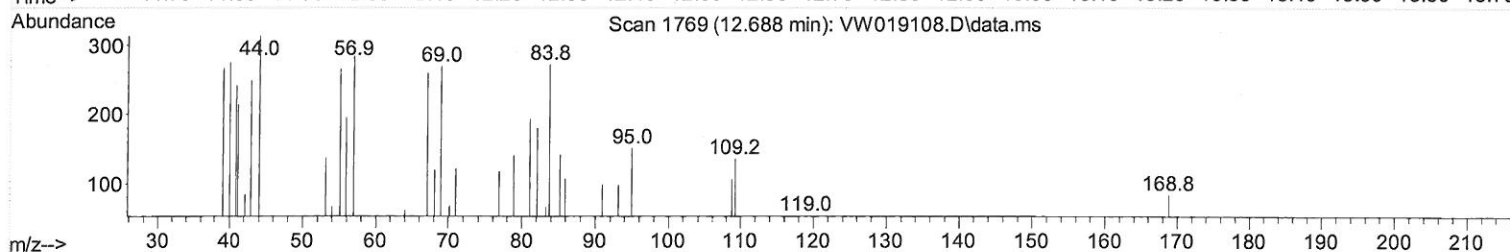
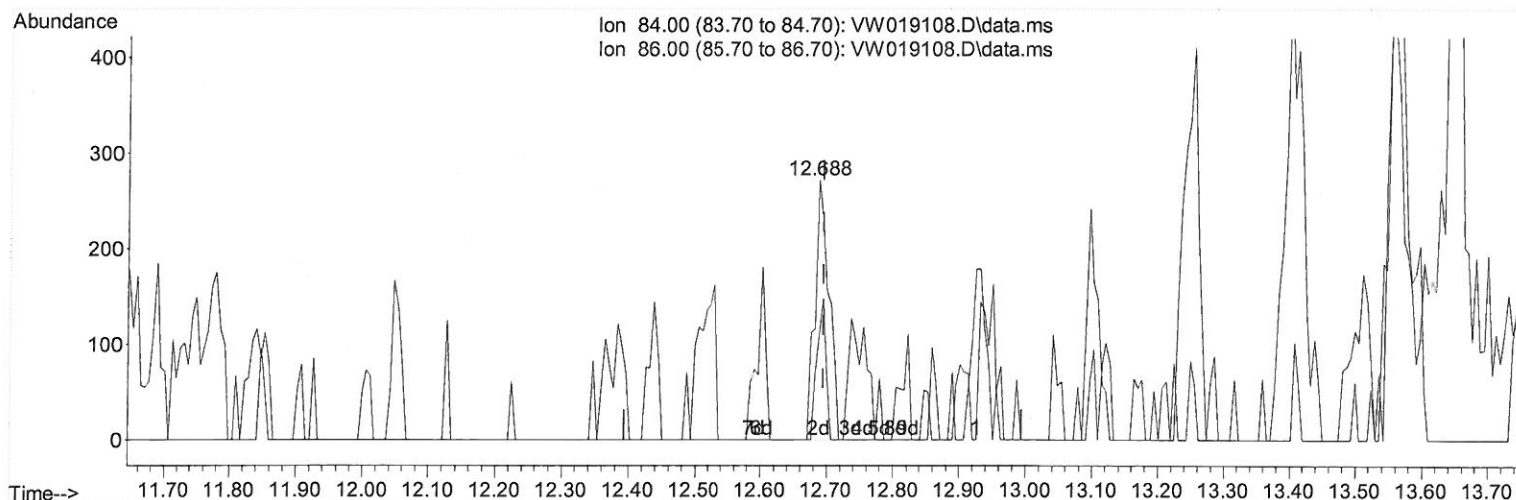
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(56) 1,1,2,2-Tetrachloroethane-d2 (S)

12.688min (-0.006) 0.05 ug/L m > 0.8/14/21 57

response 401

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 84.00 | 100.00 | 100.00 |
| 86.00 | 62.80  | 34.41# |
| 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        | 8.847  | 114            | 690994   | 25.000     | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 11.634 | 117            | 607586   | 25.000     | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.554 | 152            | 288705   | 25.000     | ug/L  | 0.00     |
| System Monitoring Compounds   |        |                |          |            |       |          |
| 4) Vinyl Chloride-d3          | 2.361  | 65             | 233264   | 25.529     | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range 30 - 150 | Recovery | = 102.120% |       |          |
| 7) Chloroethane-d5            | 2.897  | 69             | 178514   | 22.939     | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range 30 - 150 | Recovery | = 91.760%  |       |          |
| 11) 1,1-Dichloroethene-d2     | 4.025  | 63             | 323685   | 17.830     | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range 45 - 110 | Recovery | = 71.320%  |       |          |
| 21) 2-Butanone-d5             | 7.092  | 46             | 36560    | 15.275     | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range 20 - 135 | Recovery | = 30.560%  |       |          |
| 24) Chloroform-d              | 7.671  | 84             | 22015    | 1.185      | ug/L  | 0.02     |
| Spiked Amount                 | 25.000 | Range 40 - 150 | Recovery | = 4.760%#  |       |          |
| 26) 1,2-Dichloroethane-d4     | 8.311  | 65             | 225344   | 21.625     | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range 70 - 130 | Recovery | = 86.480%  |       |          |
| 32) Benzene-d6                | 8.280  | 84             | 884223   | 25.543     | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range 20 - 135 | Recovery | = 102.160% |       |          |
| 36) 1,2-Dichloropropane-d6    | 9.280  | 67             | 261024   | 24.873     | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range 70 - 120 | Recovery | = 99.480%  |       |          |
| 41) Toluene-d8                | 10.329 | 98             | 811415   | 25.523     | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range 30 - 130 | Recovery | = 102.080% |       |          |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79             | 105028   | 23.108     | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range 30 - 135 | Recovery | = 92.440%  |       |          |
| 47) 2-Hexanone-d5             | 10.926 | 63             | 18327m   | 10.298     | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range 20 - 135 | Recovery | = 20.600%  |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.688 | 84             | 401m     | 0.046      | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range 45 - 120 | Recovery | = 0.200%#  |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152            | 247983   | 24.609     | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range 75 - 120 | Recovery | = 98.440%  |       |          |
| Target Compounds              |        |                |          |            |       |          |
| 13) Acetone                   | 4.147  | 43             | 34057    | 16.058     | ug/L  | 77       |
| 14) Carbon disulfide          | 4.391  | 76             | 13797    | 0.445      | ug/L  | 98       |
| 16) Methylene chloride        | 4.921  | 84             | 33867    | 2.641      | ug/L  | 90       |
| 18) Methyl tert-butyl Ether   | 5.427  | 73             | 10962m   | 0.803      | ug/L  | 90       |
| 25) Chloroform                | 7.677  | 83             | 402064   | 21.039     | ug/L  | 99       |
| 34) Trichloroethene           | 9.091  | 95             | 122144   | 11.724     | ug/L  | 94       |
| 53) m,p-Xylene                | 11.847 | 106            | 9262     | 0.531      | ug/L  | 99       |
| 62) 1,3,5-Trimethylbenzene    | 12.944 | 105            | 48097    | 1.355      | ug/L  | 97       |
| 63) 1,2,4-Trimethylbenzene    | 13.249 | 105            | 149279   | 4.212      | ug/L  | 100      |

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

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