

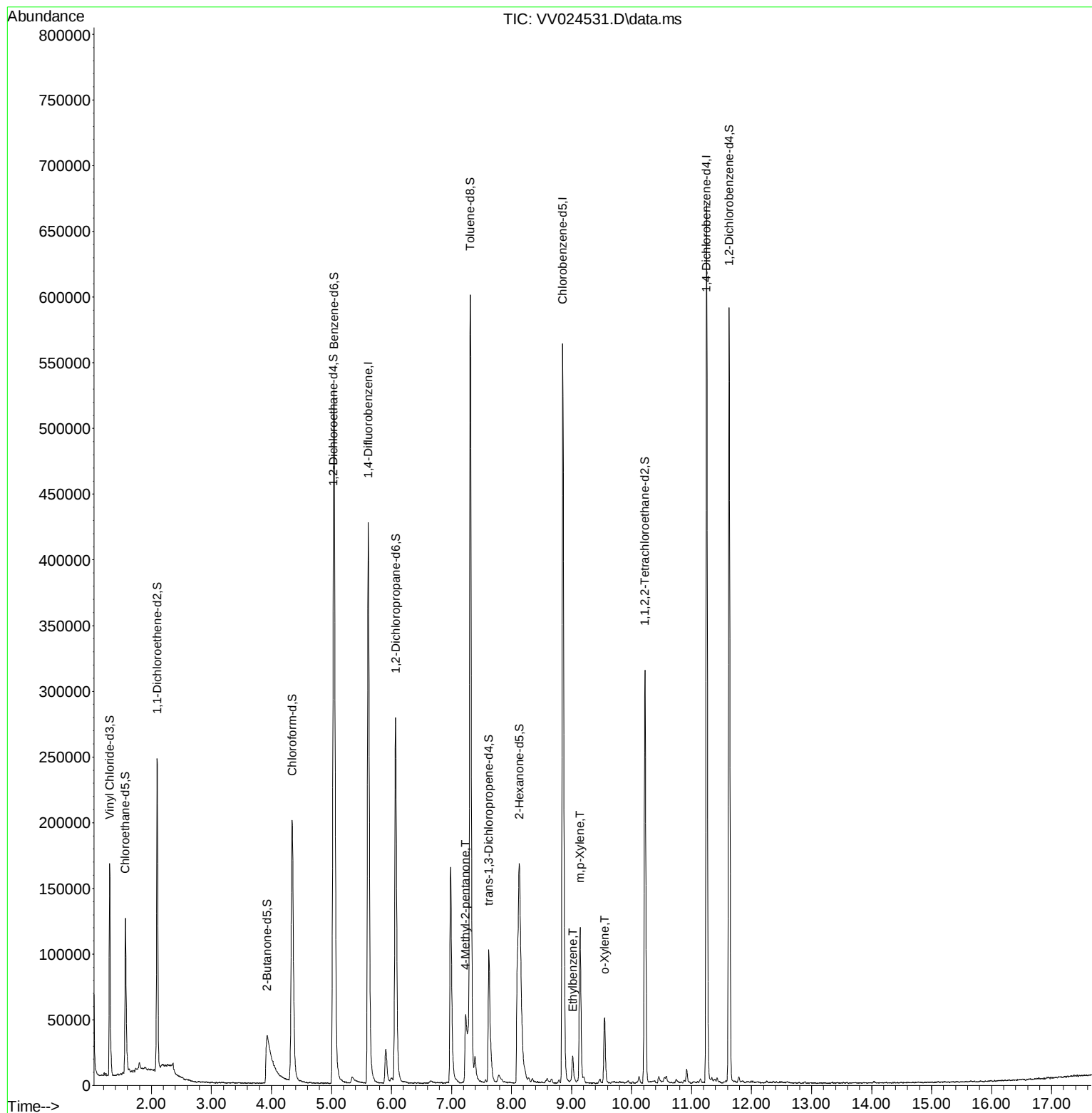
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV020222\  
Data File : VV024531.D  
Acq On : 02 Feb 2022 17:46  
Operator : SY/MD  
Sample : N1353-07ME  
Misc : 3.99g/5.0mL/100uL/5.0mL/MSVOA\_V/MEOH  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
COVE8ME

## Manual IntegrationsAPPROVED

Quant Time: Feb 03 06:26:28 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM020222WMA.M  
Quant Title : VOC Analysis  
QLast Update : Thu Feb 03 05:56:12 2022  
Response via : Initial Calibration

Reviewed By : John Carlone 02/03/2022  
Supervised By : Mahesh Dadoda 02/04/2022



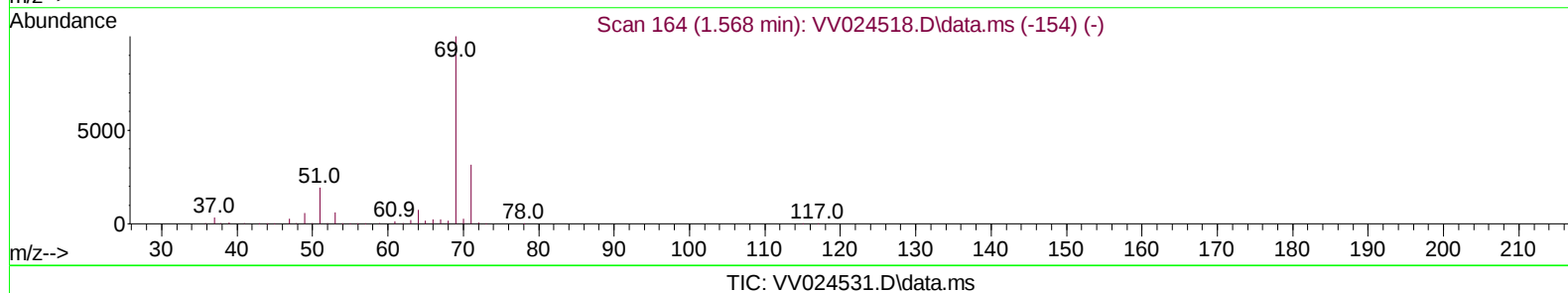
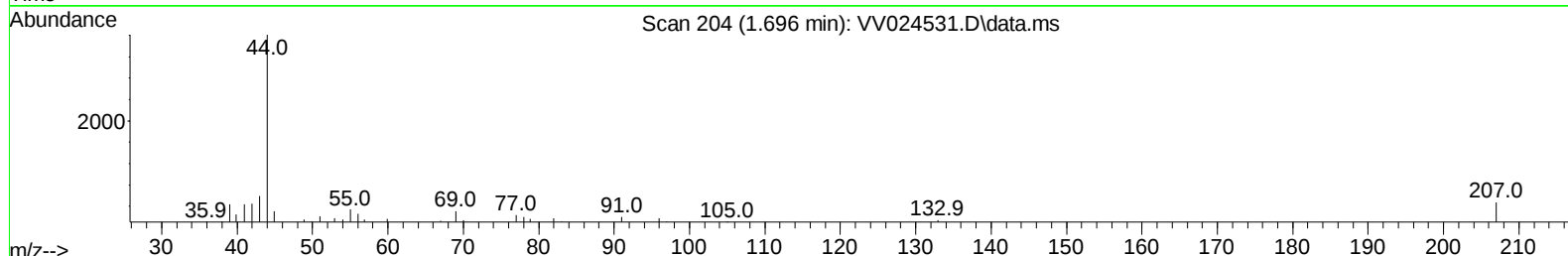
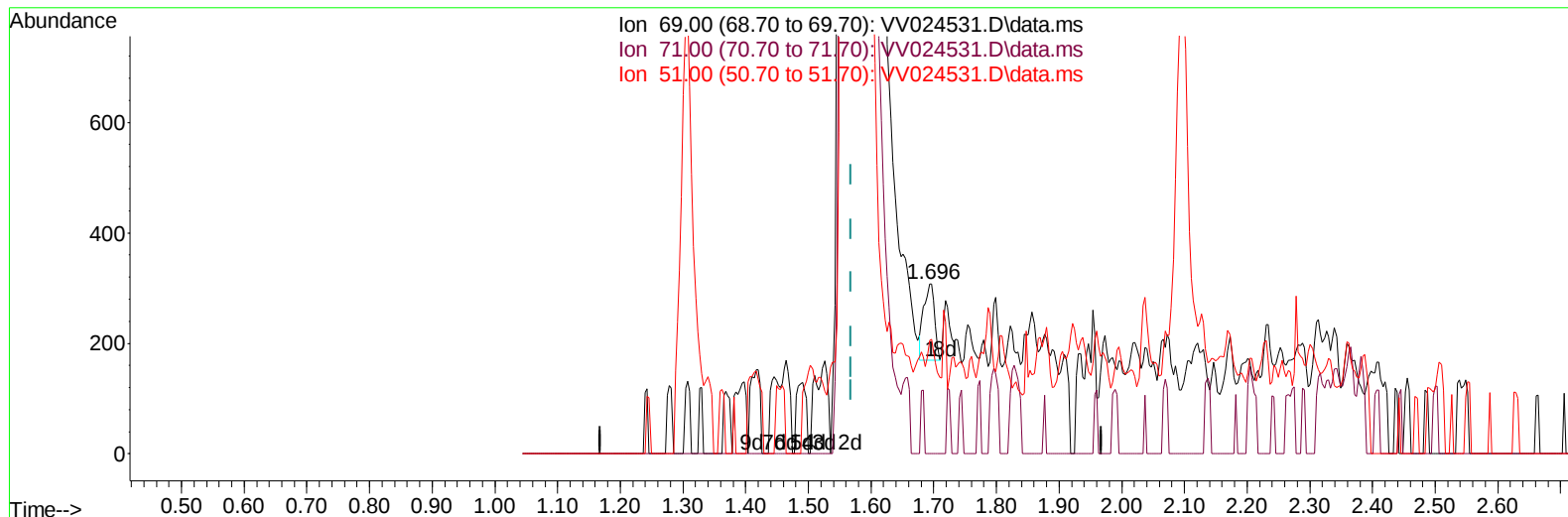
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## Manual IntegrationsAPPROVED

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Quant Time: Feb 05 03:31:51 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM020222WMA.M  
Quant Title : VOC Analysis  
QLast Update : Sat Feb 05 00:18:38 2022  
Response via : Initial Calibration



## (7) Chloroethane-d5 (S)

1.696min (+ 0.129) 0.07 ug/L

response 167

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 69.00 | 100.00 | 100.00 |
| 71.00 | 32.70  | 26.35  |
| 51.00 | 26.30  | 30.54  |
| 0.00  | 0.00   | 0.00   |

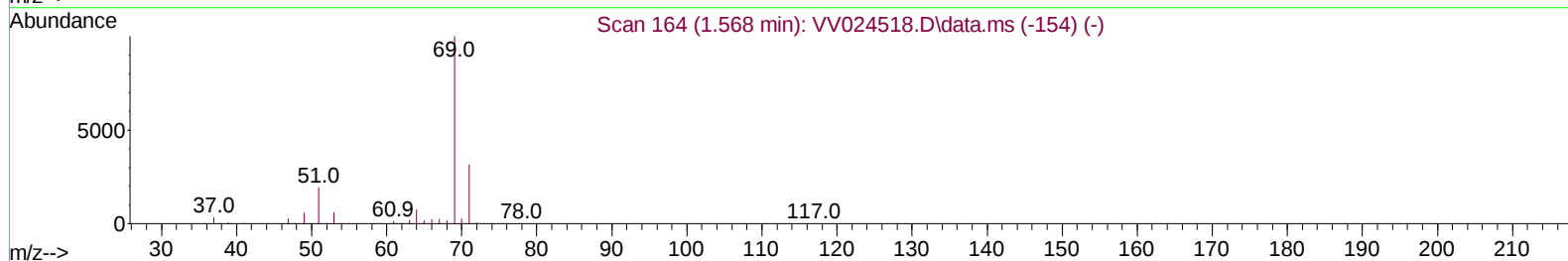
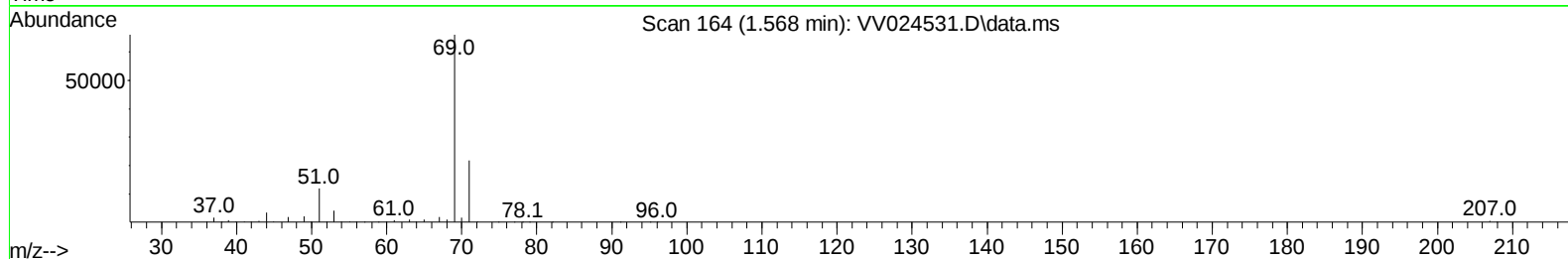
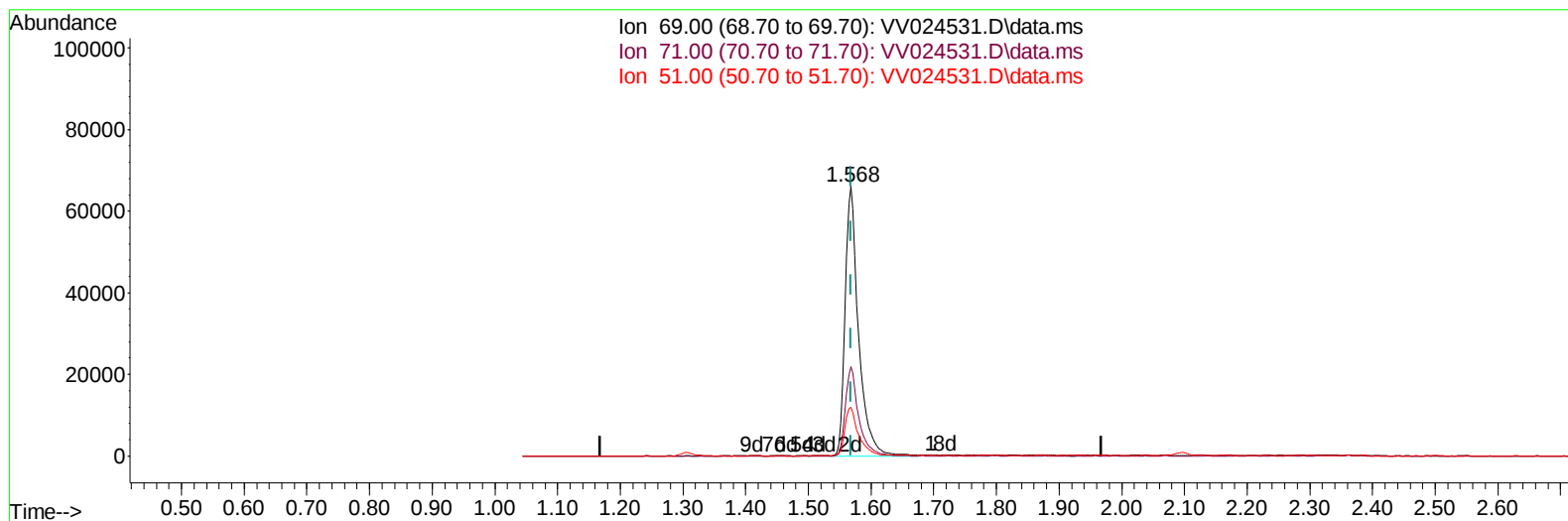
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TIC: VV024531.D\data.ms

(7) Chloroethane-d5 (S)

1.568min (-0.000) 41.62 ug/L m

response 97803

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 69.00 | 100.00 | 100.00 |
| 71.00 | 32.70  | 0.04#  |
| 51.00 | 26.30  | 0.05#  |
| 0.00  | 0.00   | 0.00   |

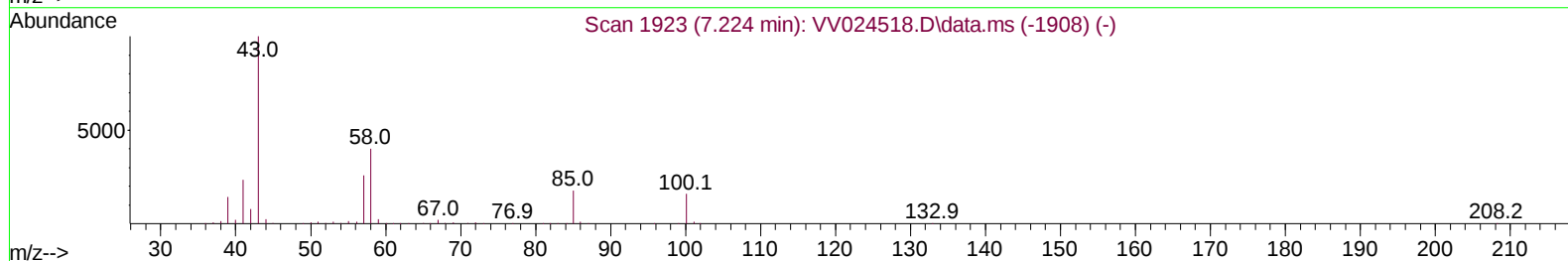
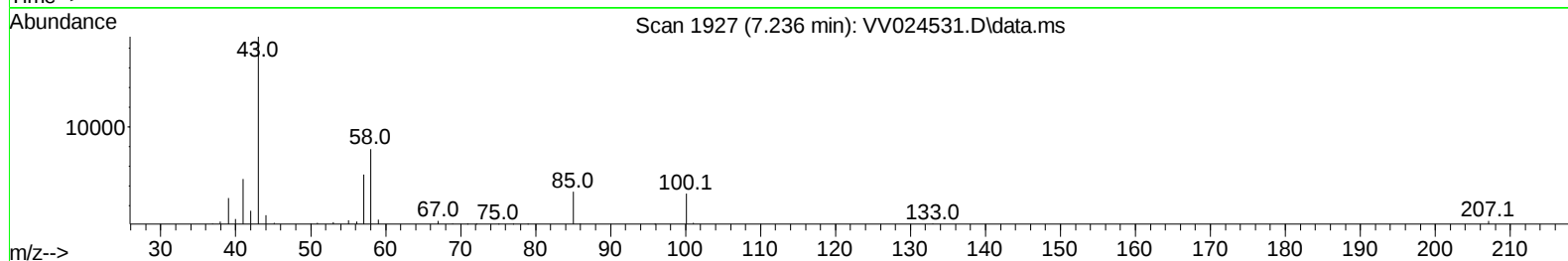
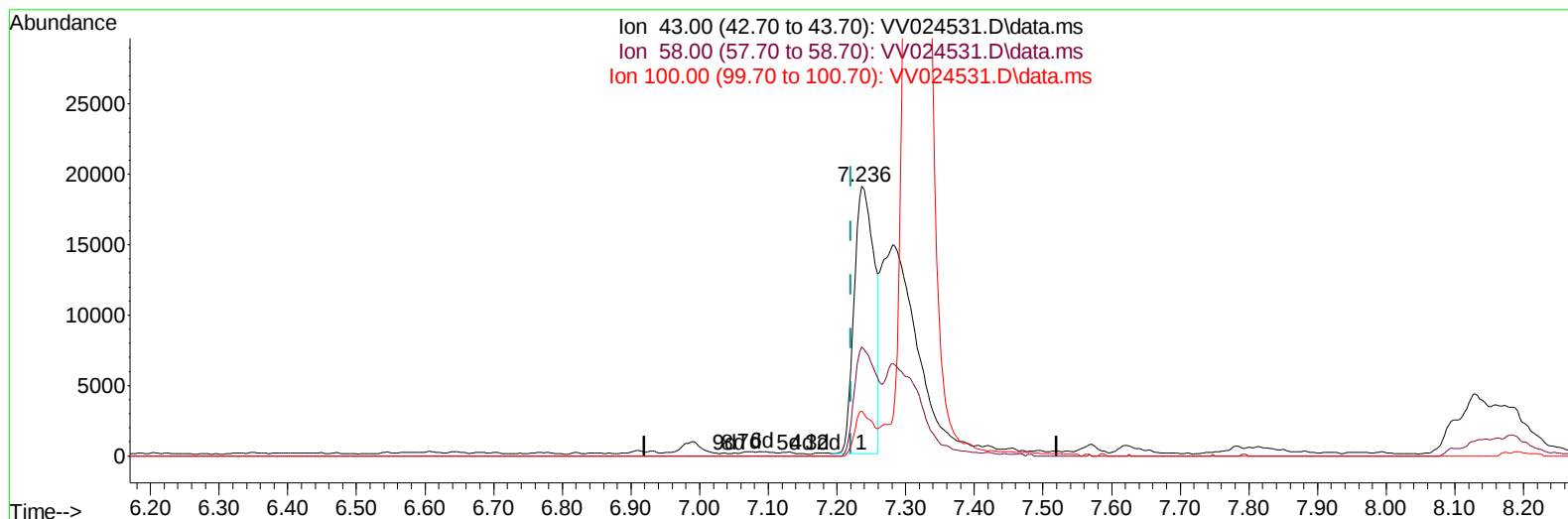
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TIC: VV024531.D\data.ms

**(40) 4-Methyl-2-pentanone (T)**

7.236min (+ 0.016) 10.22 ug/L

response 38134

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 43.00  | 100.00 | 100.00 |
| 58.00  | 40.60  | 46.33  |
| 100.00 | 15.90  | 15.41  |
| 0.00   | 0.00   | 0.00   |

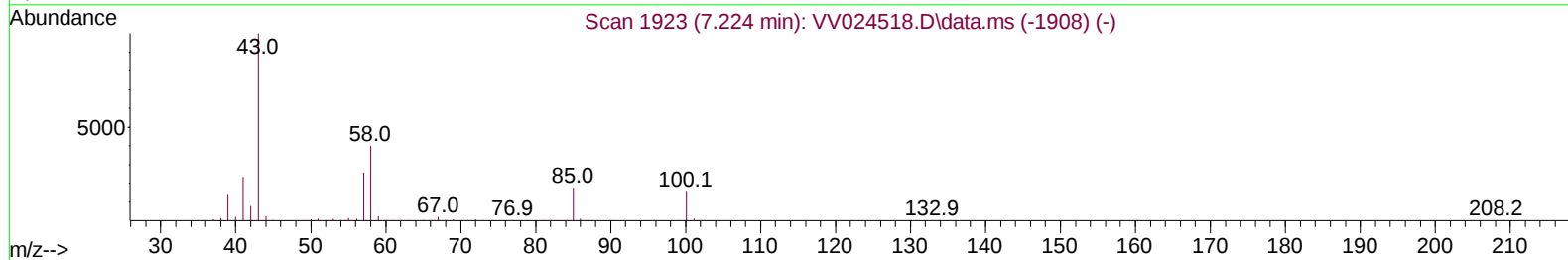
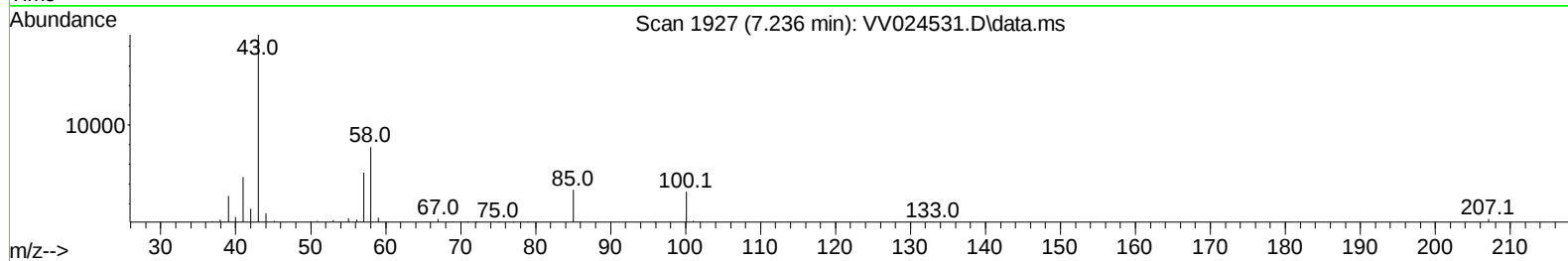
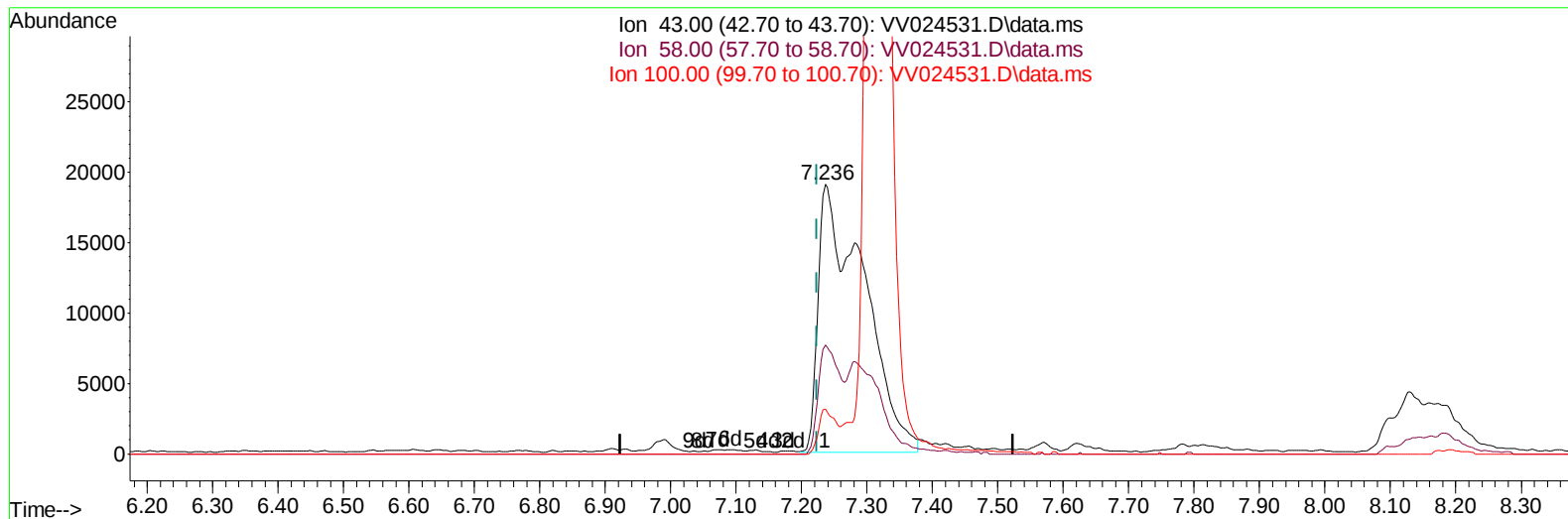
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TIC: VV024531.D\data.ms

**(40) 4-Methyl-2-pentanone (T)**

7.236min (+ 0.013) 24.75 ug/L m

response 92334

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 43.00  | 100.00 | 100.00 |
| 58.00  | 40.60  | 19.13# |
| 100.00 | 15.90  | 6.36#  |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV020222\  
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 Sample : N1353-07ME  
 Misc : 3.99g/5.0mL/100uL/5.0mL/MSVOA\_V/MEOH  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 COVE8ME

Manual IntegrationsAPPROVED

Quant Time: Feb 03 06:26:28 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM020222WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Feb 03 05:56:12 2022  
 Response via : Initial Calibration

Reviewed By :John Carlone 02/03/2022  
 Supervised By :Mahesh Dadoda 02/04/2022

| Compound                      | R.T.     | QIon  | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|----------|-------|----------|--------|----------|----------|
| -----                         |          |       |          |        |          |          |
| Internal Standards            |          |       |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 5.613    | 114   | 379638   | 50.000 | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 8.857    | 117   | 355001   | 50.000 | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.252   | 152   | 158437   | 50.000 | ug/L     | 0.00     |
| System Monitoring Compounds   |          |       |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.304    | 65    | 117650   | 43.641 | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 60 | - 135 | Recovery | =      | 87.280%  |          |
| 7) Chloroethane-d5            | 1.568    | 69    | 97803m   | 41.623 | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 70 | - 130 | Recovery | =      | 83.240%  |          |
| 11) 1,1-Dichloroethene-d2     | 2.095    | 63    | 124613   | 23.201 | ug/L     | -0.01    |
| Spiked Amount 50.000          | Range 60 | - 125 | Recovery | =      | 46.400%# |          |
| 21) 2-Butanone-d5             | 3.931    | 46    | 123847   | 69.457 | ug/L     | 0.04     |
| Spiked Amount 100.000         | Range 40 | - 130 | Recovery | =      | 69.460%  |          |
| 24) Chloroform-d              | 4.346    | 84    | 214937   | 43.412 | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 70 | - 125 | Recovery | =      | 86.820%  |          |
| 26) 1,2-Dichloroethane-d4     | 5.031    | 65    | 146394   | 46.324 | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 70 | - 125 | Recovery | =      | 92.640%  |          |
| 32) Benzene-d6                | 5.043    | 84    | 442605   | 43.849 | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 70 | - 125 | Recovery | =      | 87.700%  |          |
| 36) 1,2-Dichloropropane-d6    | 6.069    | 67    | 144013   | 44.818 | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 70 | - 120 | Recovery | =      | 89.640%  |          |
| 41) Toluene-d8                | 7.313    | 98    | 403898   | 43.478 | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 80 | - 120 | Recovery | =      | 86.960%  |          |
| 43) trans-1,3-Dichloroprop... | 7.622    | 79    | 74508    | 44.064 | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 60 | - 125 | Recovery | =      | 88.120%  |          |
| 47) 2-Hexanone-d5             | 8.130    | 63    | 126533   | 92.713 | ug/L     | 0.04     |
| Spiked Amount 100.000         | Range 45 | - 130 | Recovery | =      | 92.710%  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.223   | 84    | 170678   | 44.305 | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 65 | - 120 | Recovery | =      | 88.620%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.628   | 152   | 136850   | 45.653 | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 80 | - 120 | Recovery | =      | 91.300%  |          |
| Target Compounds              |          |       |          |        |          |          |
|                               |          |       |          |        | Qvalue   |          |
| 40) 4-Methyl-2-pentanone      | 7.236    | 43    | 92334m   | 24.753 | ug/L     |          |
| 52) Ethylbenzene              | 9.021    | 91    | 16356    | 1.366  | ug/L     | 99       |
| 53) m,p-Xylene                | 9.143    | 106   | 37704    | 8.414  | ug/L     | 96       |
| 54) o-Xylene                  | 9.551    | 106   | 14993    | 3.350  | ug/L     | 97       |
| -----                         |          |       |          |        |          |          |

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