

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_R\Data\VR022819\  
Quantitation Report (Qedit)

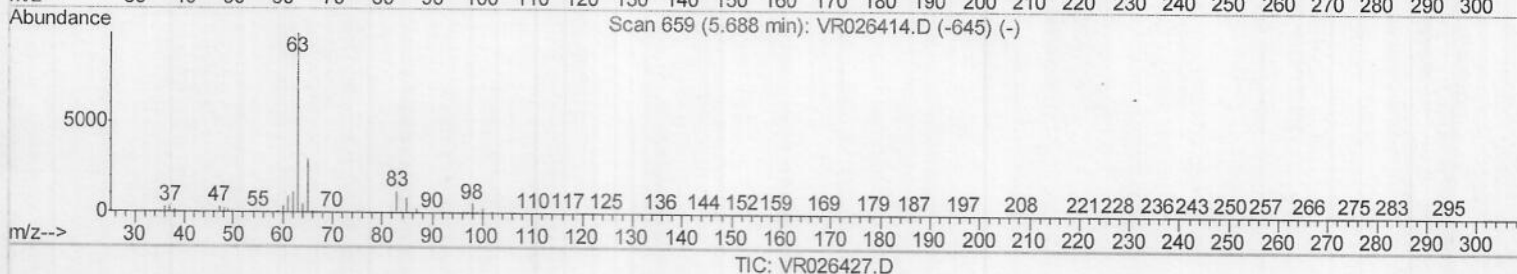
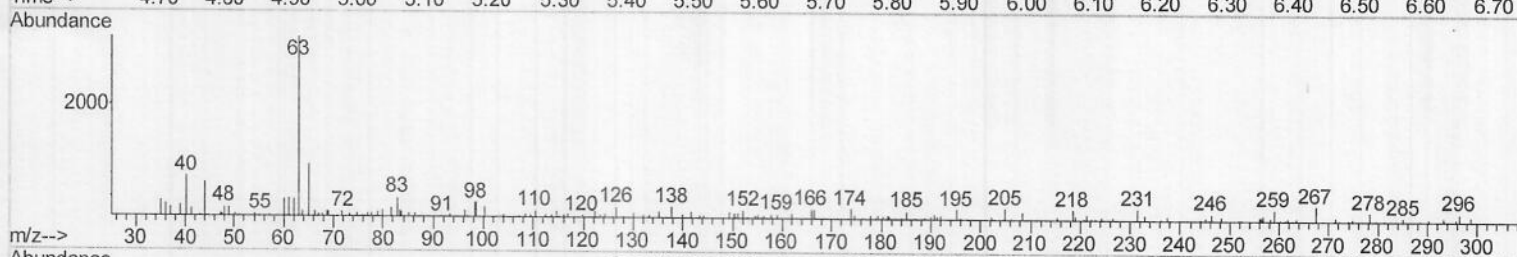
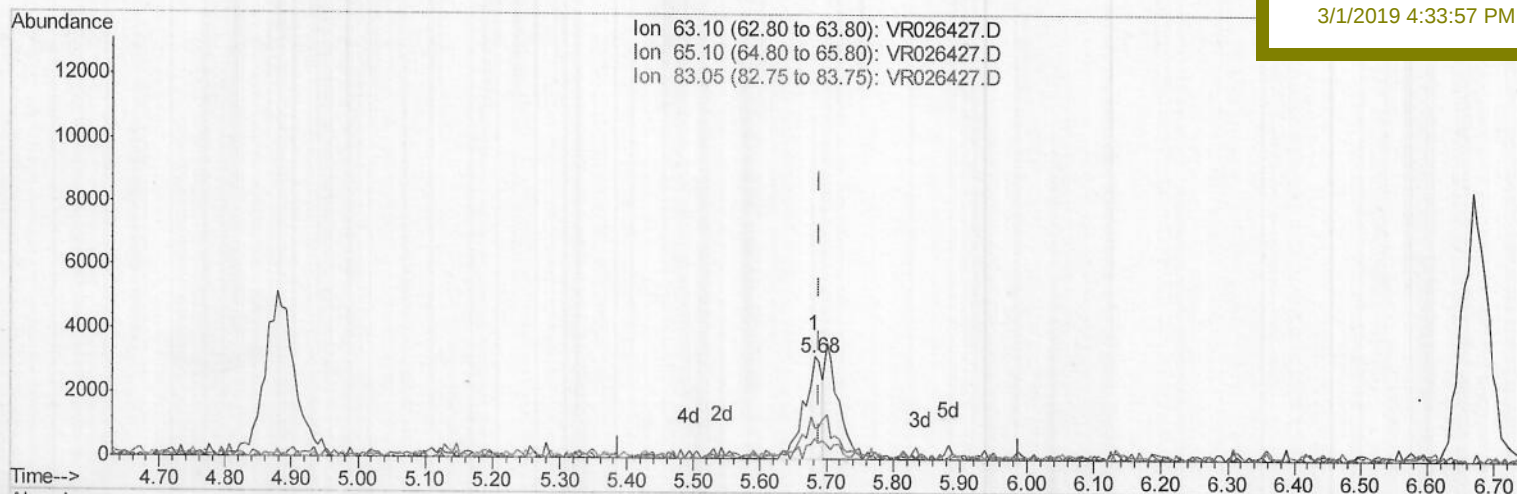
Data File : VR026427.D  
Acq On : 28 Feb 2019 19:35  
Operator : SY/MD  
Sample : K1588-14DL 5X  
Misc : 25mL/MSVOA\_R/WATER  
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Mar 01 07:20:45 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_R\METHODS\SOMRTR022219WMA.M  
Quant Title : TRACE VOA SOM01.0  
QLast Update : Fri Mar 01 06:30:52 2019  
Response via : Initial Calibration

Instrument :  
MSVOA\_R  
ClientSampled :  
C0AB2DL

Manual Integrations  
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(19) 1,1-Dichloroethane (T)

5.682min (-0.006) 0.09ug/L

response 6104

| Ion   | Exp%  | Act%   |
|-------|-------|--------|
| 63.10 | 100   | 100    |
| 65.10 | 33.70 | 30.77  |
| 83.05 | 12.60 | 20.64# |
| 0.00  | 0.00  | 0.00   |

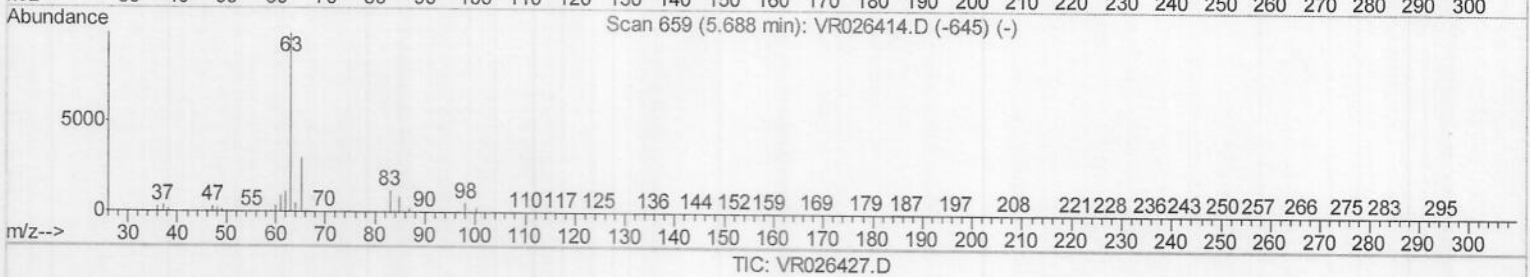
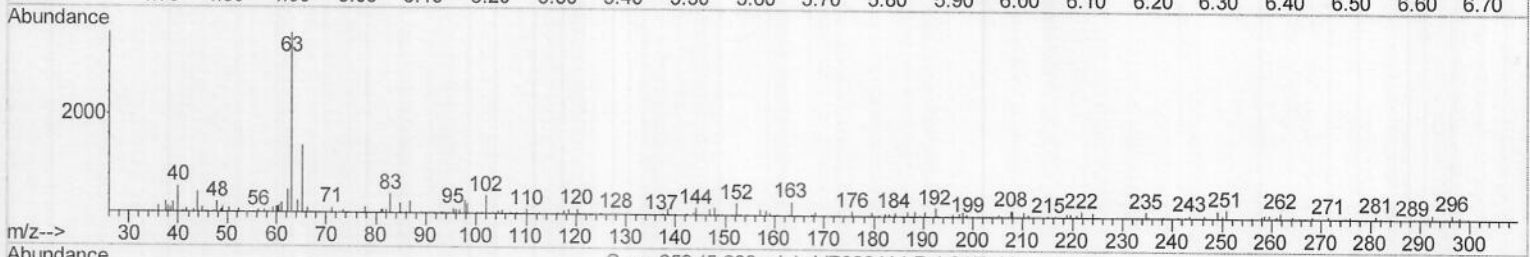
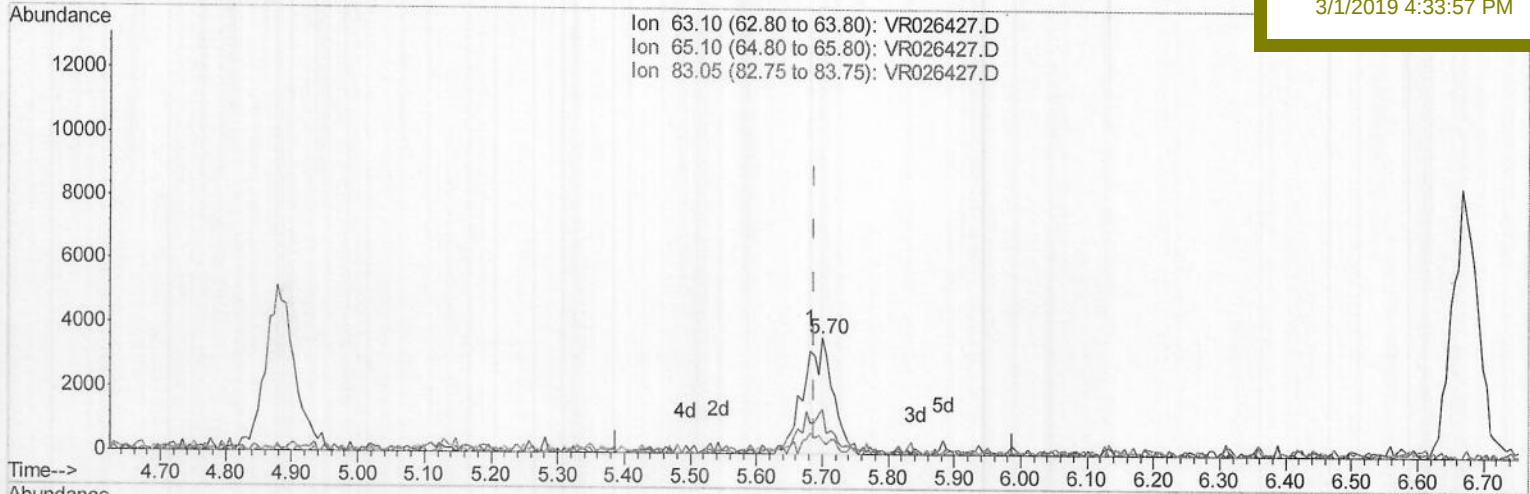
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(19) 1,1-Dichloroethane (T)

5.700min (+0.012) 0.17ug/L m

response 11073

Ion Exp% Act%

63.10 100 100

65.10 33.70 38.25

83.05 12.60 12.21

0.00 0.00 0.00

SY  
03/04/19

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ALS Vial : 15 Sample Multiplier: 1

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MSVOA\_R  
Client Sampled :  
C0AB2DL

Quant Time: Mar 01 07:23:40 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_R\METHODS\SOMRTR022219WMA.M  
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Manual Integrations  
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| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.46  | 114  | 455614   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.28 | 117  | 380250   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.22 | 152  | 113082   | 5.00 | ug/L  | 0.00     |

System Monitoring Compounds

|                                |                |     |            |         |      |       |
|--------------------------------|----------------|-----|------------|---------|------|-------|
| 4) Vinyl Chloride-d3           | 2.14           | 65  | 184792     | 4.15    | ug/L | 0.00  |
| Spiked Amount 5.000            | Range 40 - 130 |     | Recovery = | 83.00%  |      |       |
| 7) Chloroethane-d5             | 2.62           | 69  | 162228     | 4.44    | ug/L | 0.00  |
| Spiked Amount 5.000            | Range 65 - 130 |     | Recovery = | 88.80%  |      |       |
| 11) 1,1-Dichloroethene-d2      | 3.60           | 63  | 358322     | 3.43    | ug/L | -0.01 |
| Spiked Amount 5.000            | Range 60 - 125 |     | Recovery = | 68.60%  |      |       |
| 20) 2-Butanone-d5              | 6.59           | 46  | 189064     | 58.12   | ug/L | 0.00  |
| Spiked Amount 50.000           | Range 40 - 130 |     | Recovery = | 116.24% |      |       |
| 24) Chloroform-d               | 7.20           | 84  | 342056     | 4.71    | ug/L | 0.00  |
| Spiked Amount 5.000            | Range 70 - 125 |     | Recovery = | 94.20%  |      |       |
| 26) 1,2-Dichloroethane-d4      | 7.89           | 65  | 148015     | 5.02    | ug/L | 0.00  |
| Spiked Amount 5.000            | Range 70 - 130 |     | Recovery = | 100.40% |      |       |
| 32) Benzene-d6                 | 7.85           | 84  | 605767     | 4.24    | ug/L | 0.00  |
| Spiked Amount 5.000            | Range 70 - 125 |     | Recovery = | 84.80%  |      |       |
| 36) 1,2-Dichloropropane-d6     | 8.90           | 67  | 170460     | 4.71    | ug/L | 0.00  |
| Spiked Amount 5.000            | Range 60 - 140 |     | Recovery = | 94.20%  |      |       |
| 41) Toluene-d8                 | 9.97           | 98  | 543643     | 4.22    | ug/L | 0.00  |
| Spiked Amount 5.000            | Range 70 - 130 |     | Recovery = | 84.40%  |      |       |
| 43) trans-1,3-Dichloropropene- | 10.23          | 79  | 39010      | 4.08    | ug/L | 0.00  |
| Spiked Amount 5.000            | Range 55 - 130 |     | Recovery = | 81.60%  |      |       |
| 46) 2-Hexanone-d5              | 10.59          | 63  | 146413     | 60.69   | ug/L | 0.00  |
| Spiked Amount 50.000           | Range 45 - 130 |     | Recovery = | 121.38% |      |       |
| 57) 1,1,2,2-Tetrachloroethane- | 12.36          | 84  | 61827      | 4.50    | ug/L | 0.00  |
| Spiked Amount 5.000            | Range 65 - 120 |     | Recovery = | 90.00%  |      |       |
| 64) 1,2-Dichlorobenzene-d4     | 13.51          | 152 | 104453     | 5.35    | ug/L | 0.00  |
| Spiked Amount 5.000            | Range 80 - 120 |     | Recovery = | 107.00% |      |       |

Target Compounds

|                              |       |    |        |            | Qvalue |    |
|------------------------------|-------|----|--------|------------|--------|----|
| 12) 1,1-Dichloroethene       | 3.61  | 96 | 10068  | 0.253 ug/L | #      | 1  |
| 18) trans-1,2-Dichloroethene | 4.89  | 96 | 27562  | 0.759 ug/L |        | 95 |
| 19) 1,1-Dichloroethane       | 5.70  | 63 | 11073m | 0.166 ug/L |        |    |
| 22) cis-1,2-Dichloroethene   | 6.67  | 96 | 47160  | 1.547 ug/L | #      | 94 |
| 34) Trichloroethene          | 8.71  | 95 | 281754 | 7.665 ug/L |        | 98 |
| 42) Toluene                  | 10.04 | 91 | 43304  | 0.295 ug/L |        | 99 |

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

SY  
03/01/19

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