

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_W\DATA\VW121919\  
Quantitation Report (QT Reviewed)

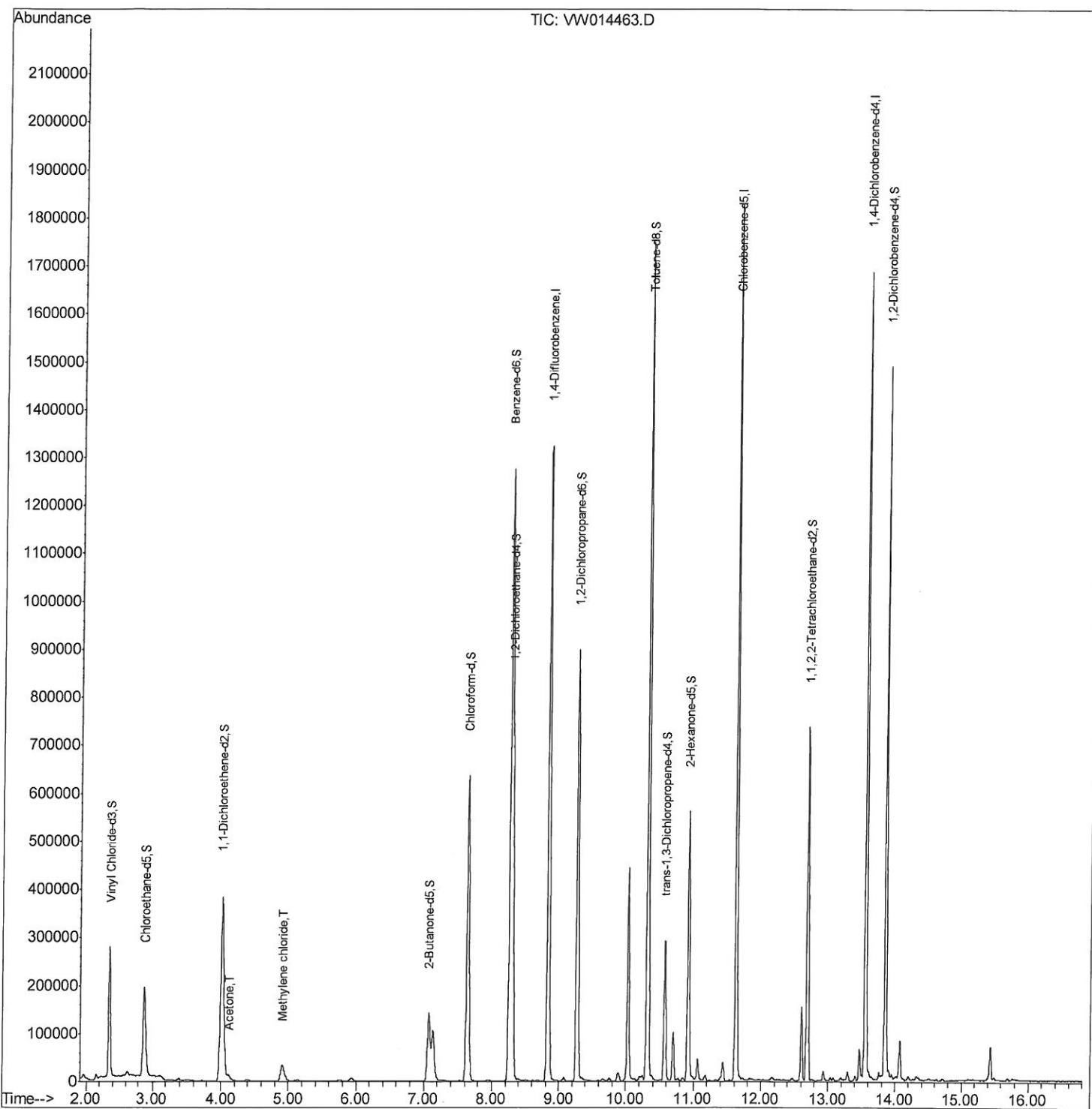
Data File : VW014463.D  
Acq On : 19 Dec 2019 16:44  
Operator : SY/VA  
Sample : K6322-09  
Misc : 5.06G/10ML/MSVOA W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
VHBLK01

Manual Integrations  
APPROVED

MMDadoda  
12/20/2019 1:20:00 PM

Quant Time: Dec 20 02:05:34 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM120519S.M  
Quant Title : VOC Analysis  
QLast Update : Fri Dec 20 01:12:43 2019  
Response via : Initial Calibration



Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_W\DATA\VW121919\  
Quantitation Report (Qedit)

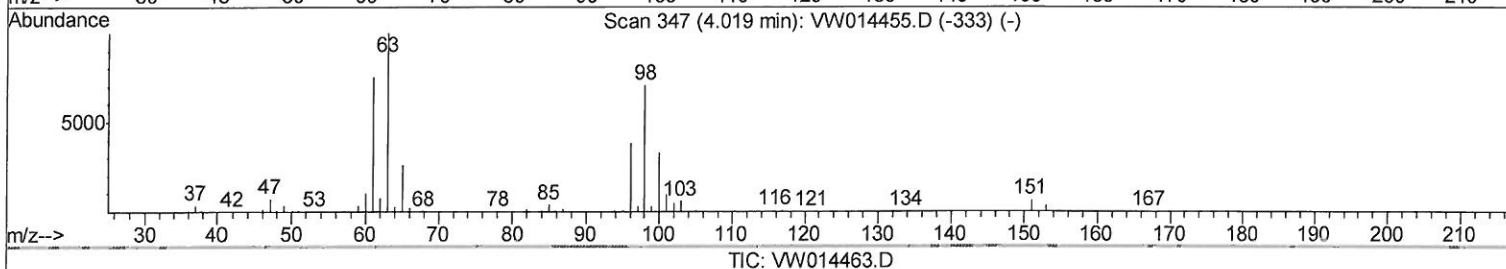
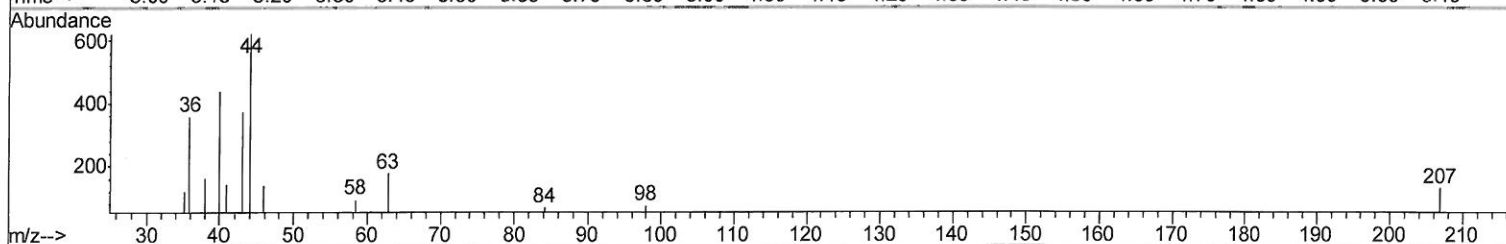
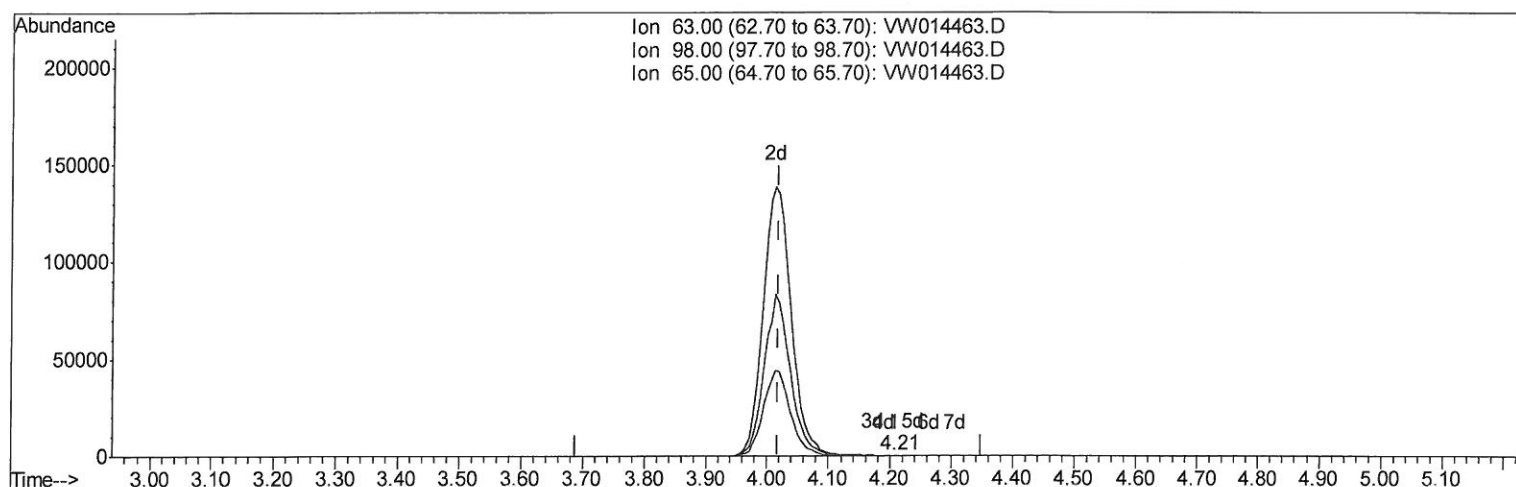
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Quant Time: Dec 20 01:15:57 2019  
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TIC: VW014463.D

(10) 1,1-Dichloroethene-d2 (S)

4.208min (+0.189) 0.00ug/L

response 94

| Ion   | Exp%  | Act%  |
|-------|-------|-------|
| 63.00 | 100   | 100   |
| 98.00 | 79.10 | 82.98 |
| 65.00 | 23.50 | 27.66 |
| 0.00  | 0.00  | 0.00  |

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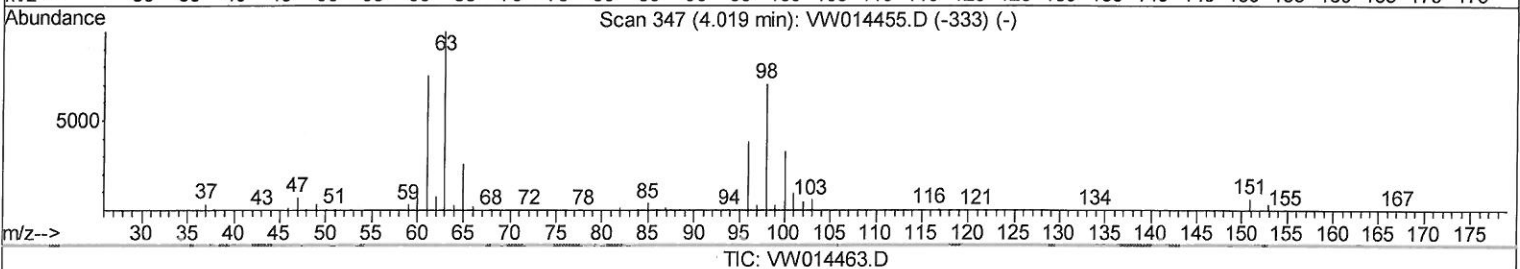
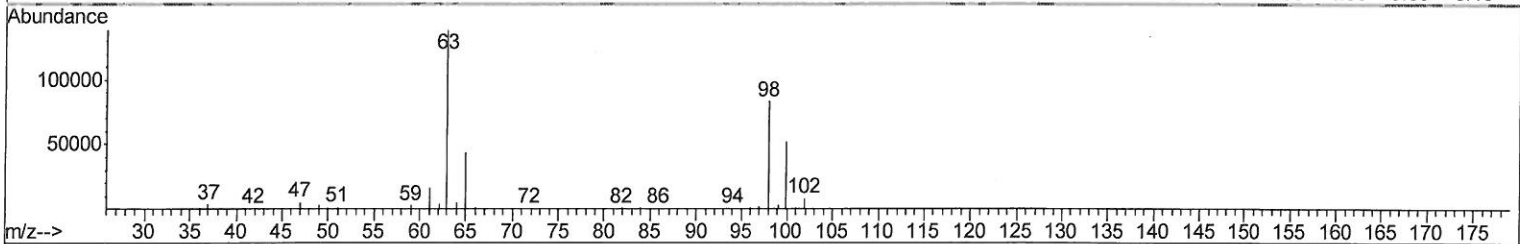
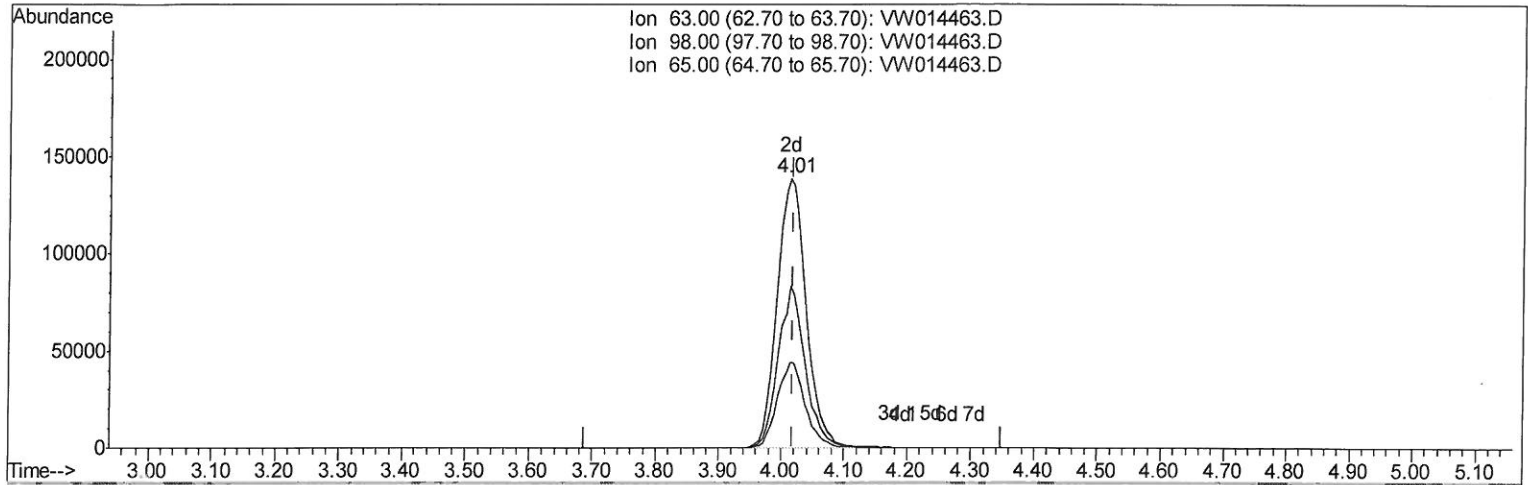
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TIC: VW014463.D

(10) 1,1-Dichloroethene-d2 (S)

4.013min (-0.006) 14.65ug/L m

response 444704

| Ion   | Exp%  | Act%  |
|-------|-------|-------|
| 63.00 | 100   | 100   |
| 98.00 | 79.10 | 0.02# |
| 65.00 | 23.50 | 0.01# |
| 0.00  | 0.00  | 0.00  |

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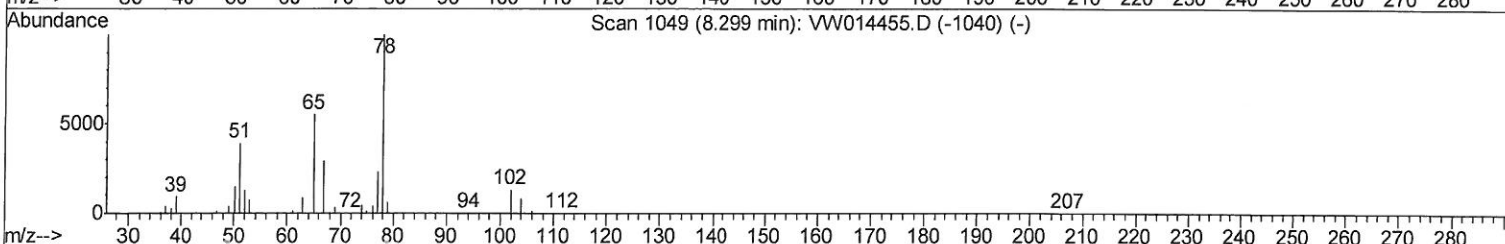
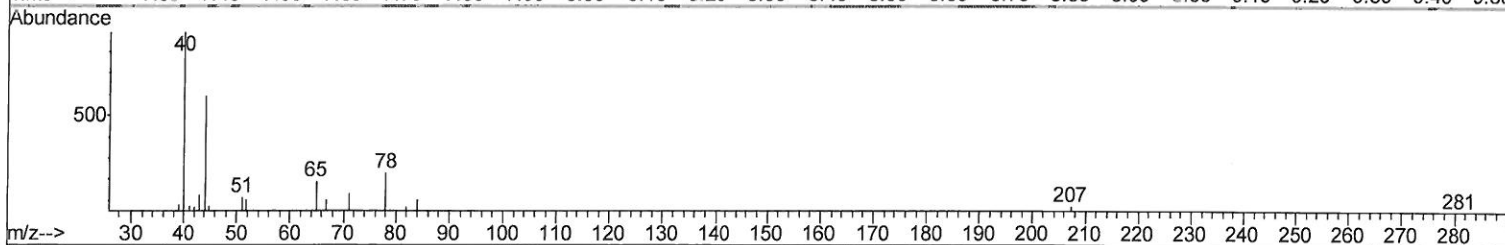
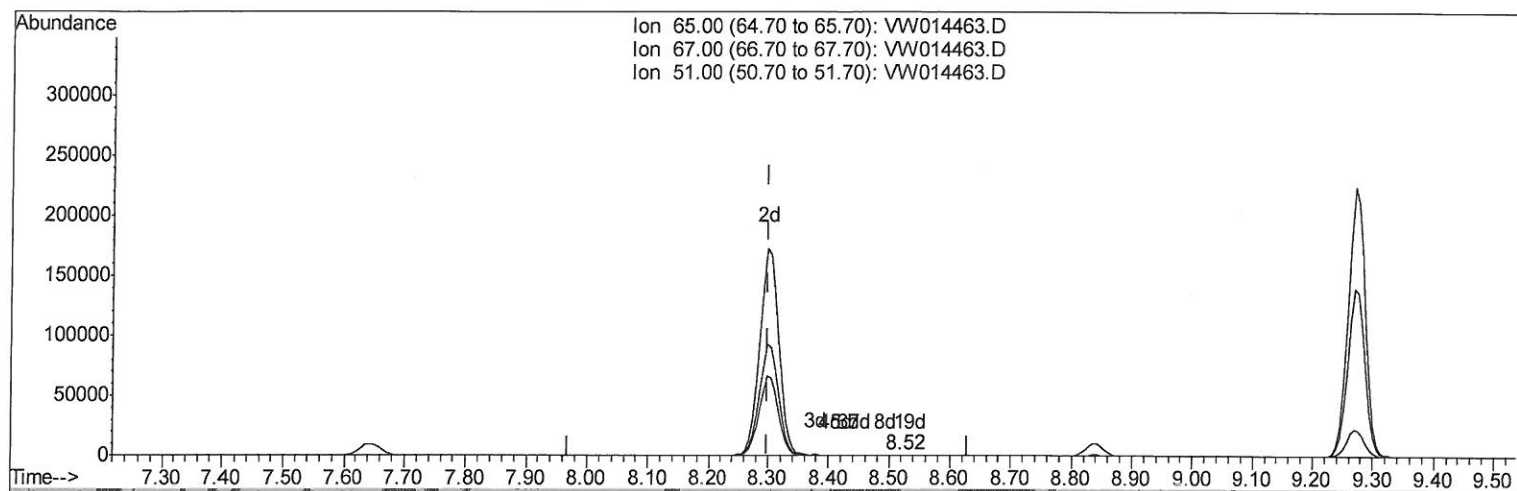
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TIC: VW014463.D

(26) 1,2-Dichloroethane-d4 (S)

8.518min (+0.219) 0.01ug/L

response 210

| Ion   | Exp%   | Act%  |
|-------|--------|-------|
| 65.00 | 100    | 100   |
| 67.00 | 54.40  | 38.57 |
| 51.00 | 107.20 | 77.14 |
| 0.00  | 0.00   | 0.00  |



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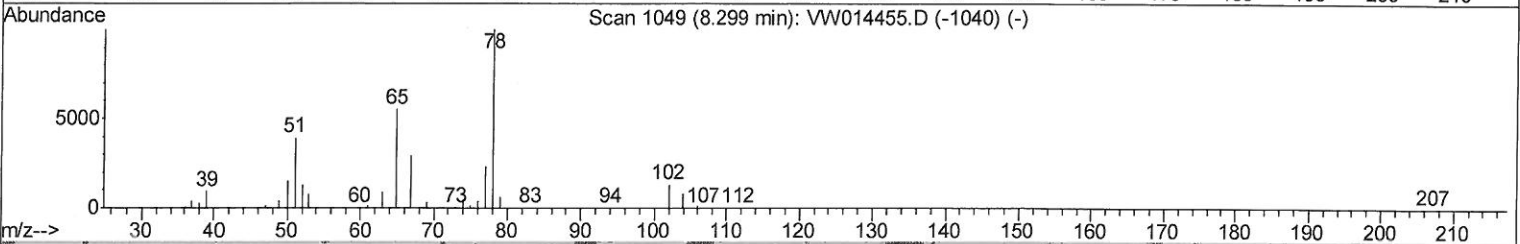
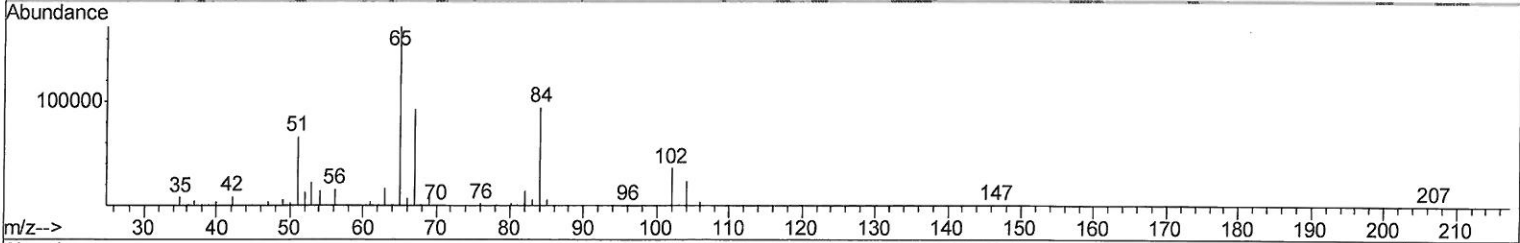
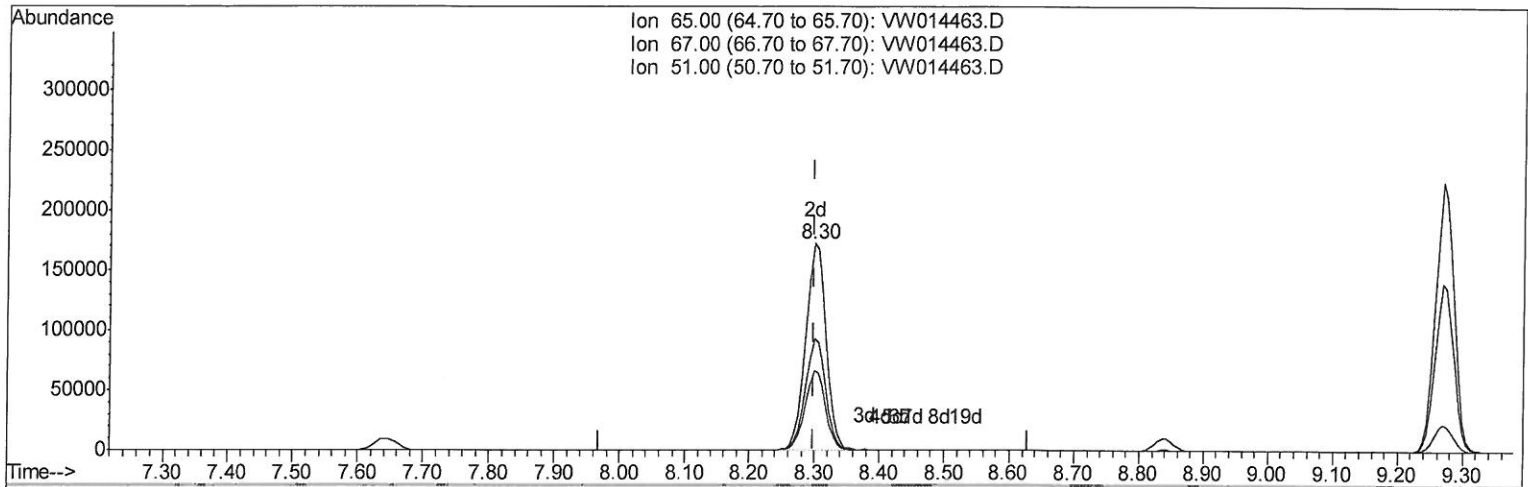
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TIC: VW014463.D

(26) 1,2-Dichloroethane-d4 (S)

8.299min (-0.000) 24.92ug/L m

response 377573

| Ion   | Exp%   | Act%  |
|-------|--------|-------|
| 65.00 | 100    | 100   |
| 67.00 | 54.40  | 0.02# |
| 51.00 | 107.20 | 0.04# |
| 0.00  | 0.00   | 0.00  |

12/20/19 SY

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| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev (Min) |
|----------------------------|-------|------|----------|-------|-------|-----------|
| 1) 1,4-Difluorobenzene     | 8.84  | 114  | 1135054  | 25.00 | ug/L  | 0.00      |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 1046688  | 25.00 | ug/L  | 0.00      |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 458688   | 25.00 | ug/L  | 0.00      |

System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 2.35   | 65    | 294263   | 17.12    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 68.48%  |
| 7) Chloroethane-d5             | 2.89   | 69    | 257258   | 20.13    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 80.52%  |
| 10) 1,1-Dichloroethene-d2      | 4.01   | 63    | 444704m  | 14.65    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 58.60%  |
| 20) 2-Butanone-d5              | 7.07   | 46    | 252049   | 56.27    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 112.54% |
| 24) Chloroform-d               | 7.64   | 84    | 665514   | 23.03    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 92.12%  |
| 26) 1,2-Dichloroethane-d4      | 8.30   | 65    | 377573m  | 24.92    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 99.68%  |
| 29) Benzene-d6                 | 8.27   | 84    | 1342580  | 21.89    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 87.56%  |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 439237   | 23.27    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 93.08%  |
| 37) Toluene-d8                 | 10.32  | 98    | 1168685  | 21.07    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 84.28%  |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 166476   | 21.03    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 84.12%  |
| 39) 2-Hexanone-d5              | 10.92  | 63    | 188924   | 50.34    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 100.68% |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 372840   | 24.24    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 96.96%  |
| 61) 1,2-Dichlorobenzene-d4     | 13.85  | 152   | 402664   | 22.97    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 91.88%  |

| Target Compounds       |      |    |       |       | Qvalue  |
|------------------------|------|----|-------|-------|---------|
| 13) Acetone            | 4.12 | 43 | 16388 | 3.795 | ug/L 97 |
| 16) Methylene chloride | 4.91 | 84 | 27972 | 1.608 | ug/L 78 |

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

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