

## Quantitation Report (Qedit)

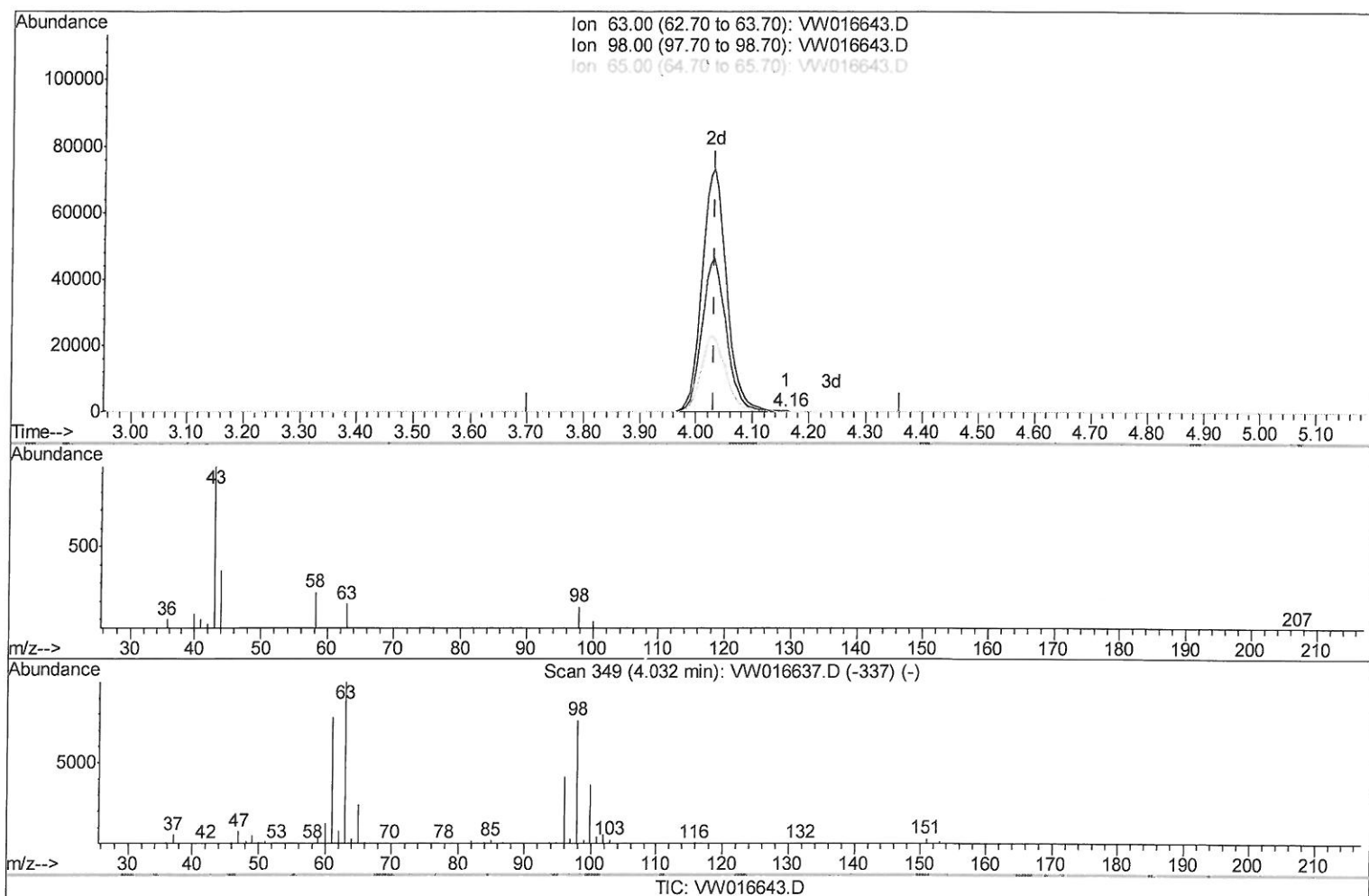
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092520\  
Data File : VW016643.D  
Acq On : 24 Sep 2020 16:02  
Operator : SY/VA  
Sample : L4110-10  
Misc : 5.68G/10ML/MSVOA W/SOIL  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
C0AL6

Manual Integrations  
APPROVED

MMDadoda  
9/28/2020 3:15:16 PM

Quant Time: Sep 25 08:03:16 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM091520S.M  
Quant Title : VOC Analysis  
QLast Update : Fri Sep 25 07:55:30 2020  
Response via : Initial Calibration



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

4.159min (+0.128) 0.02ug/L

response 266

| Ion   | Exp%  | Act%  |
|-------|-------|-------|
| 63.00 | 100   | 100   |
| 98.00 | 82.30 | 80.08 |
| 65.00 | 22.60 | 17.29 |
| 0.00  | 0.00  | 0.00  |

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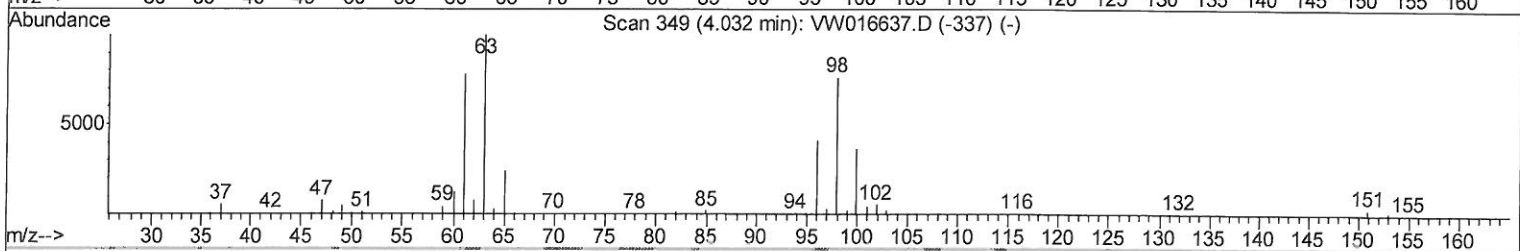
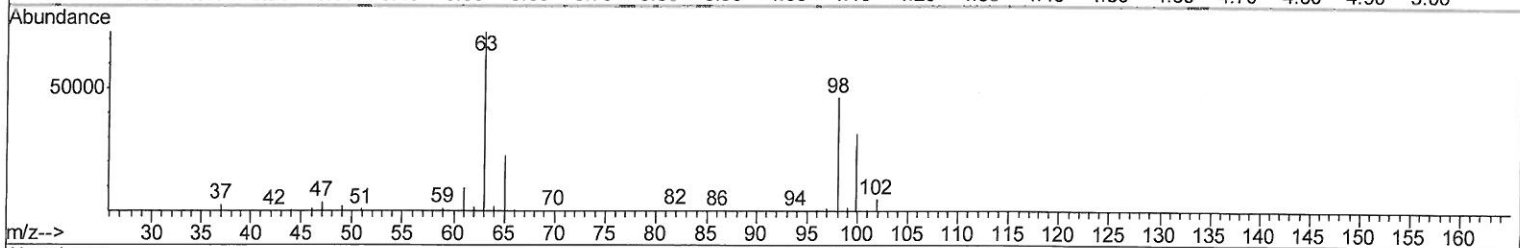
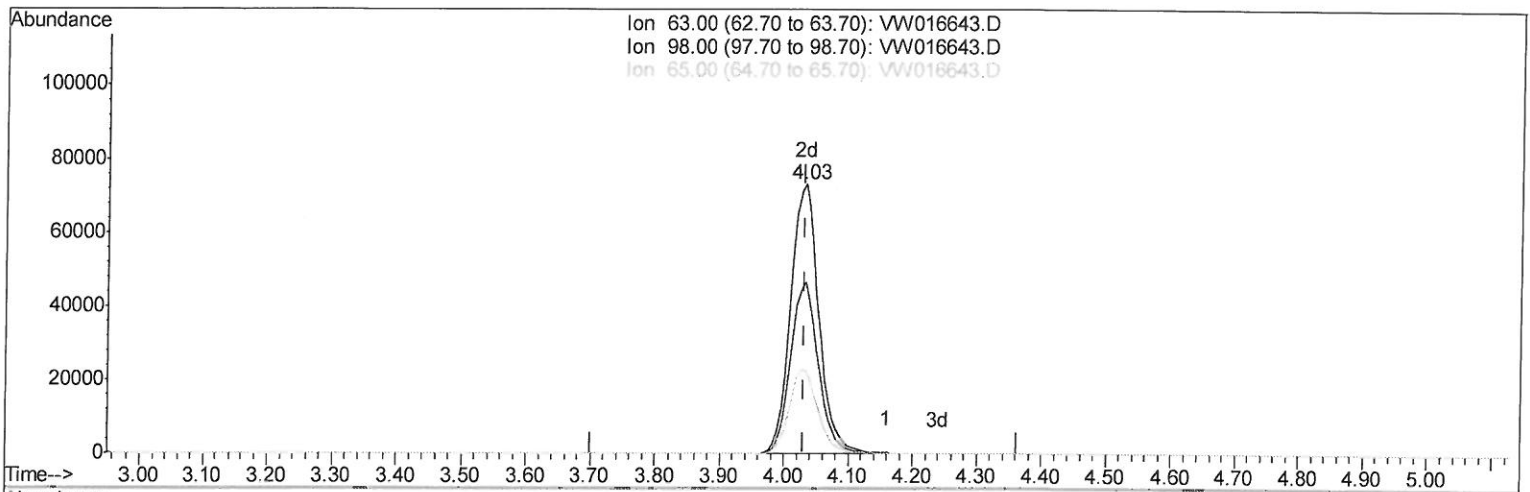
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TIC: VW016643.D

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

4.031min (-0.000) 16.63ug/L m

209/29/20 sy

response 220048

| Ion   | Exp%  | Act%  |
|-------|-------|-------|
| 63.00 | 100   | 100   |
| 98.00 | 82.30 | 0.10# |
| 65.00 | 22.60 | 0.02# |
| 0.00  | 0.00  | 0.00  |

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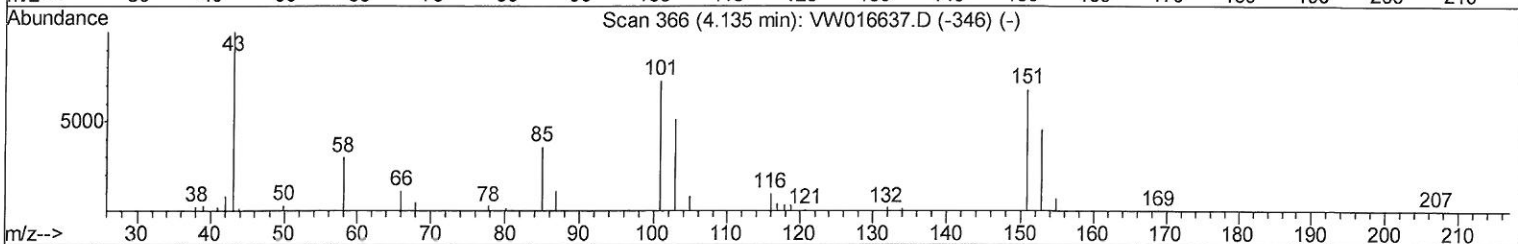
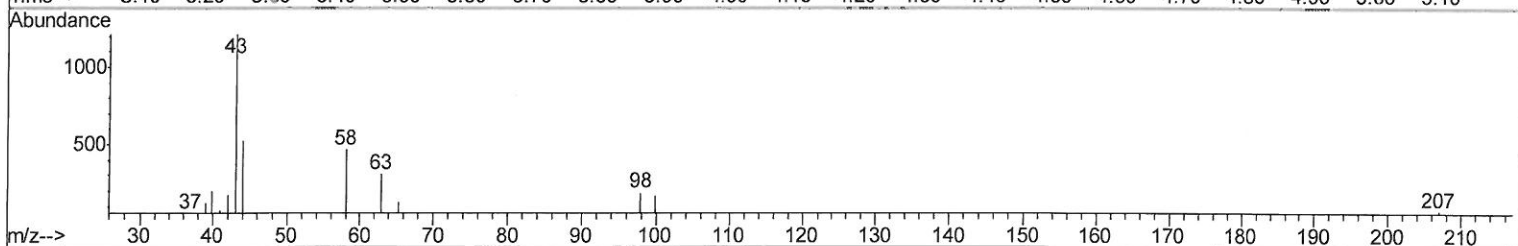
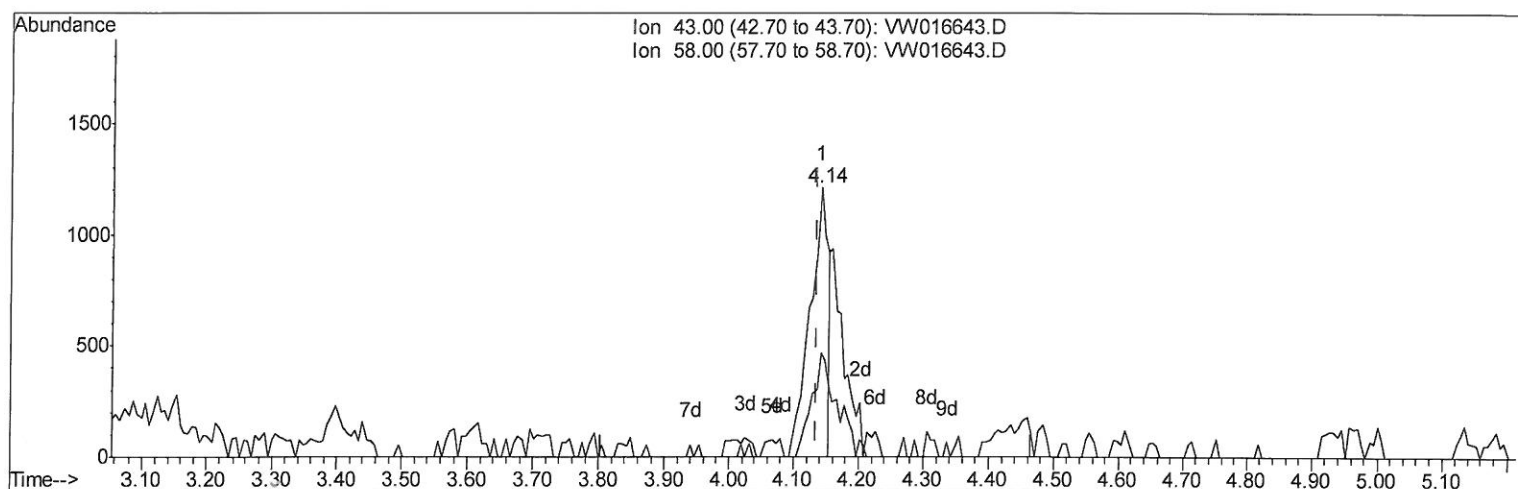
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TIC: VW016643.D

(13) Acetone (T)

4.141min (+0.006) 1.88ug/L

response 2376

| Ion   | Exp%  | Act%  |
|-------|-------|-------|
| 43.00 | 100   | 100   |
| 58.00 | 30.10 | 44.36 |
| 0.00  | 0.00  | 0.00  |
| 0.00  | 0.00  | 0.00  |

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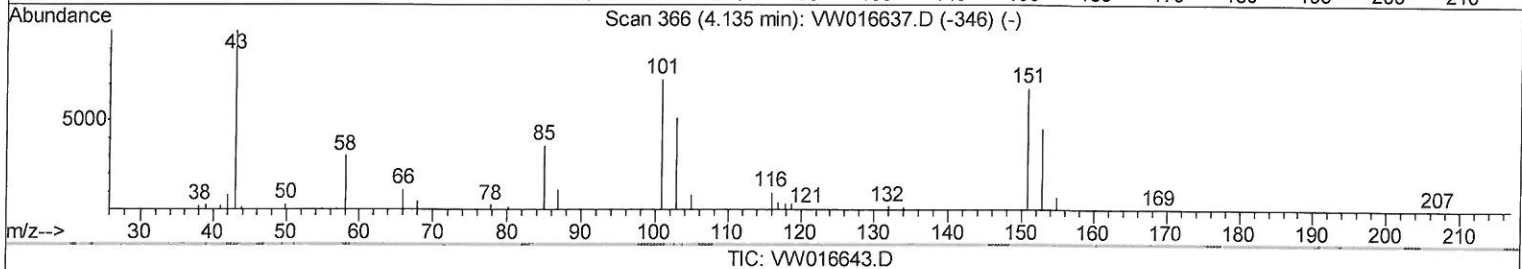
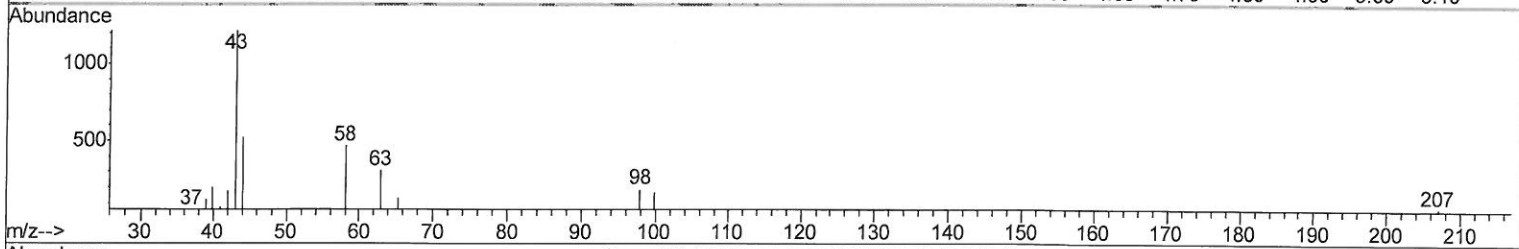
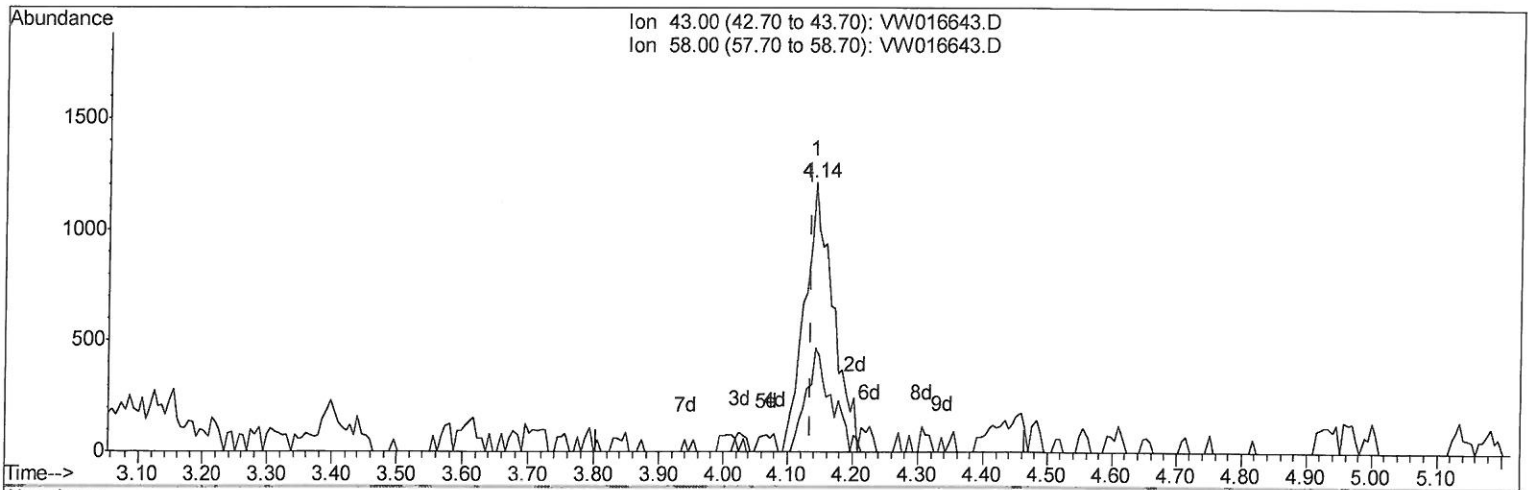
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(13) Acetone (T)

4.141min (+0.006) 2.93ug/L m

209/29/2020

response 3706

| Ion   | Exp%  | Act%  |
|-------|-------|-------|
| 43.00 | 100   | 100   |
| 58.00 | 30.10 | 28.44 |
| 0.00  | 0.00  | 0.00  |
| 0.00  | 0.00  | 0.00  |

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Instrument :  
 MSVOA\_W  
 ClientSampled :  
 COAL6

Manual Integrations  
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| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.85  | 114  | 611472   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 535187   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 260831   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 2.37   | 65    | 137321   | 23.20    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 92.80%  |
| 7) Chloroethane-d5             | 2.91   | 69    | 119498   | 24.73    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 98.92%  |
| 10) 1,1-Dichloroethene-d2      | 4.03   | 63    | 220048m  | 16.63    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 66.52%  |
| 20) 2-Butanone-d5              | 7.09   | 46    | 69680    | 43.18    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 86.36%  |
| 24) Chloroform-d               | 7.65   | 84    | 326149   | 25.50    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 102.00% |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 165989   | 25.28    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 101.12% |
| 29) Benzene-d6                 | 8.28   | 84    | 629670   | 26.23    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 104.92% |
| 33) 1,2-Dichloropropane-d6     | 9.28   | 67    | 173575   | 26.69    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 106.76% |
| 37) Toluene-d8                 | 10.33  | 98    | 602844   | 25.53    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 102.12% |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 76773    | 23.41    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 93.64%  |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 57003    | 48.18    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 96.36%  |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 135380   | 24.46    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 97.84%  |
| 61) 1,2-Dichlorobenzene-d4     | 13.85  | 152   | 222739   | 26.73    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 106.92% |

## Target Compounds

|                        |      |    |       |       |      |        |
|------------------------|------|----|-------|-------|------|--------|
| 13) Acetone            | 4.14 | 43 | 3706m | 2.932 | ug/L | Ovalue |
| 16) Methvlene chloride | 4.92 | 84 | 22751 | 2.412 | ug/L | 98     |

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

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