Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031921\
Data File : VW018384.D
Acq On : 19 Mar 2021 13:17
Operator : SY/VA
Sample : M1685-07
Misc : 4.39G/10ML/MSVOA_W/SOIL
ALS Vial : 19 Sample Multiplier: 1

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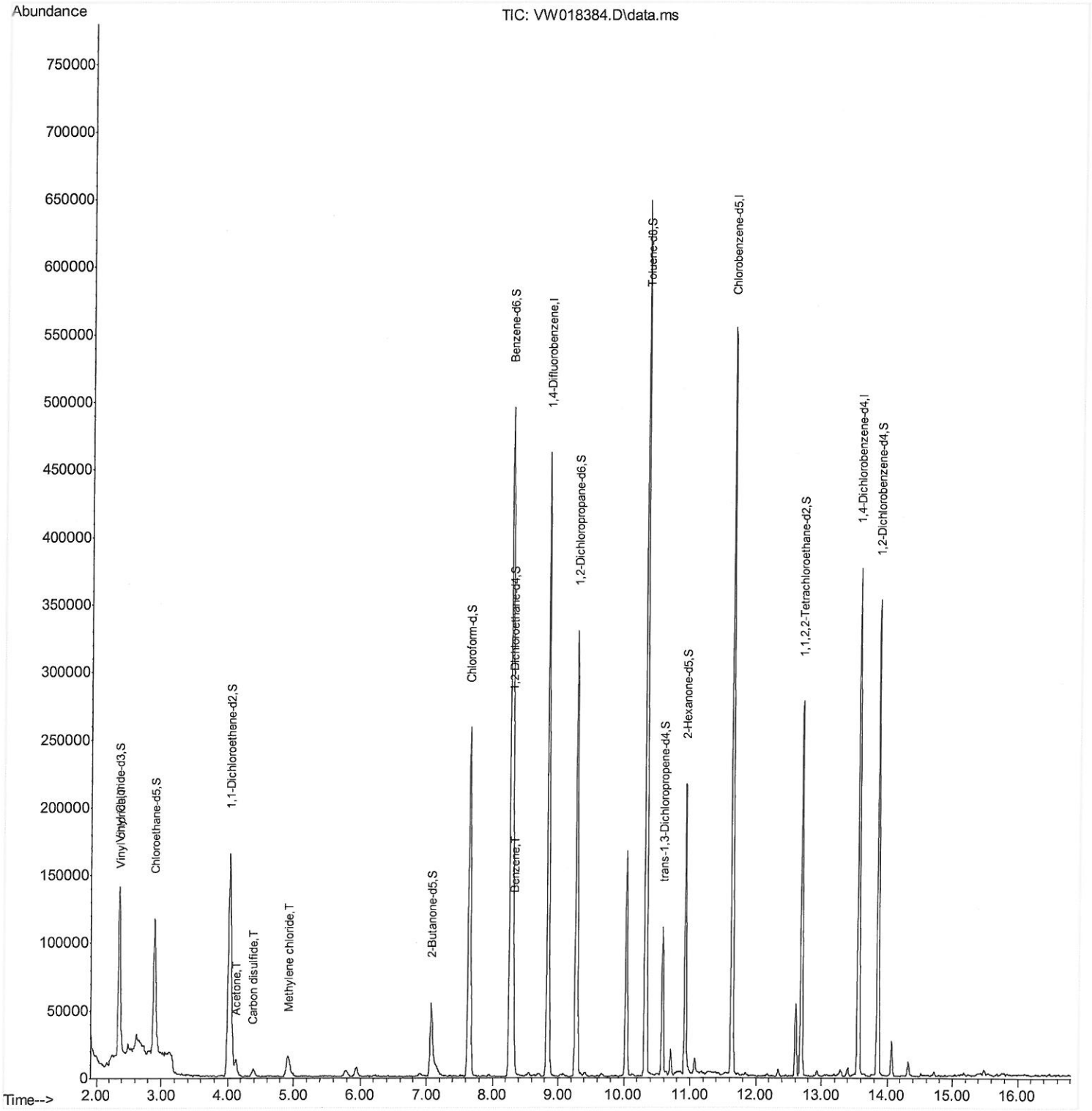
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 20 01:36:44 2021
Response via : Initial Calibration

**Instrument :**
MSVOA_W
**ClientSampleId :**
BG493

**Manual Integrations APPROVED**
MMDadoda
3/22/2021 4:13:58 PM



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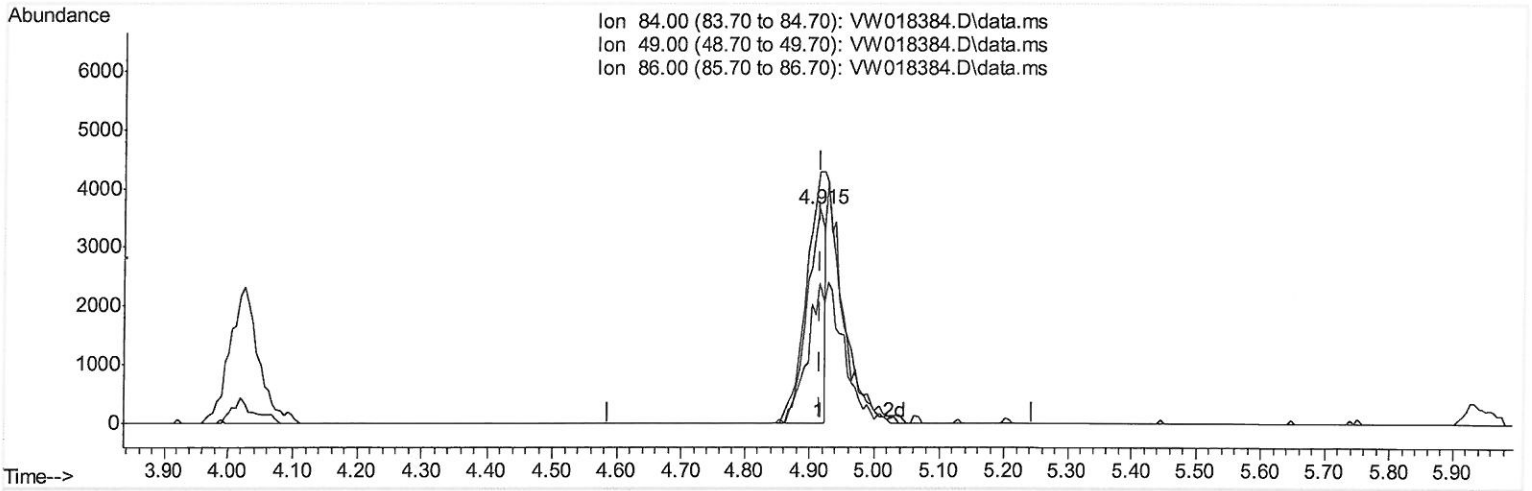


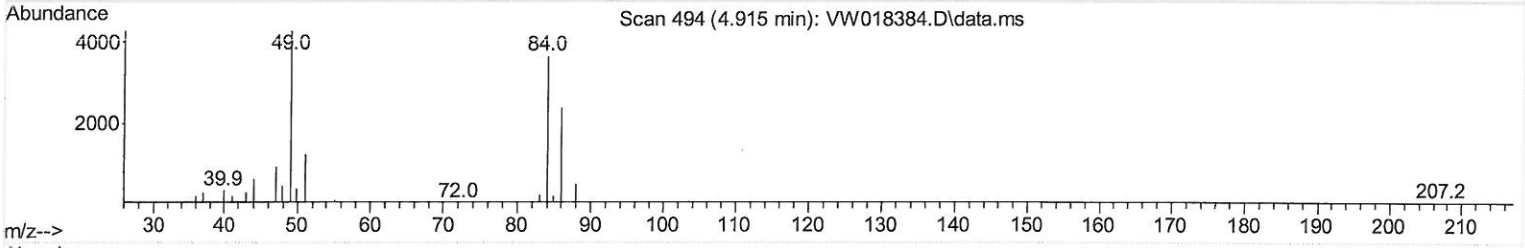


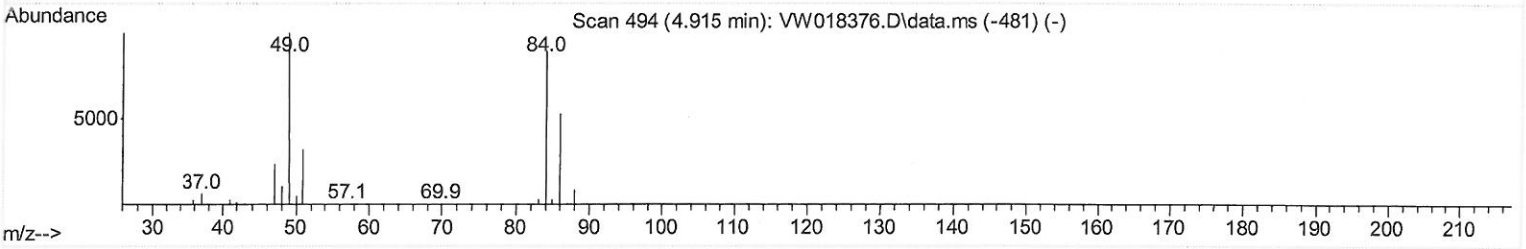


TIC: VW018384.D\data.ms

(16) Methylene chloride (T)

4.915min (-0.000) 1.09 ug/L

response 6910

| Ion | Exp% | Act% |
|---|---|---|
| 84.00 | 100.00 | 100.00 |
| 49.00 | 106.30 | 117.10 |
| 86.00 | 65.90 | 65.12 |
| 0.00 | 0.00 | 0.00 |

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MMDadoda
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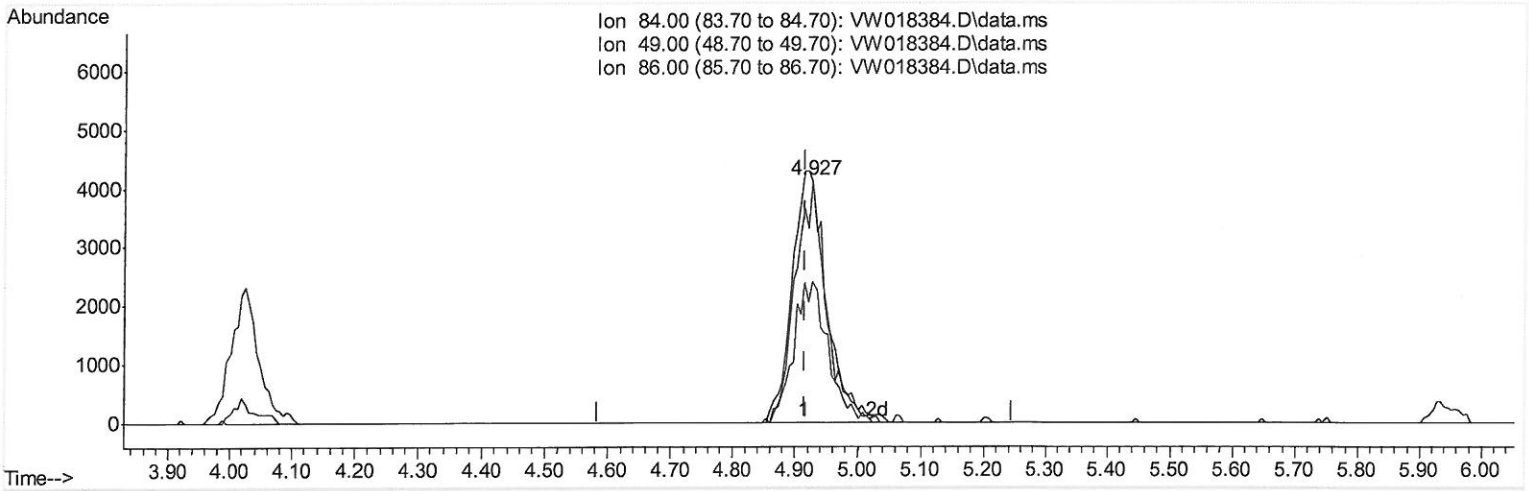


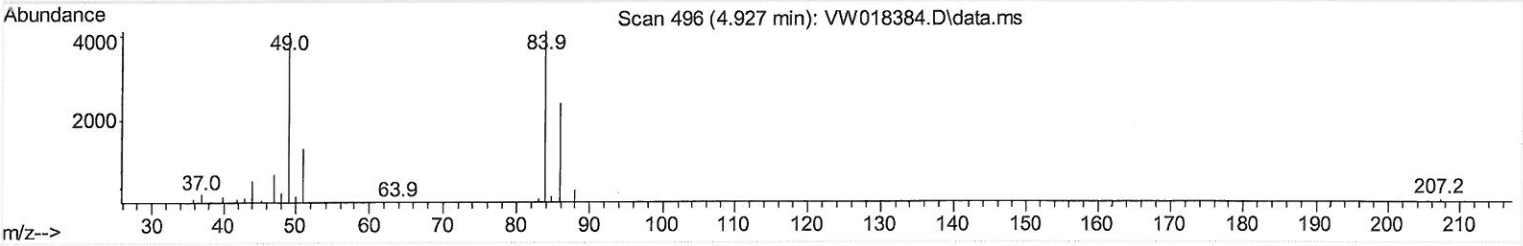


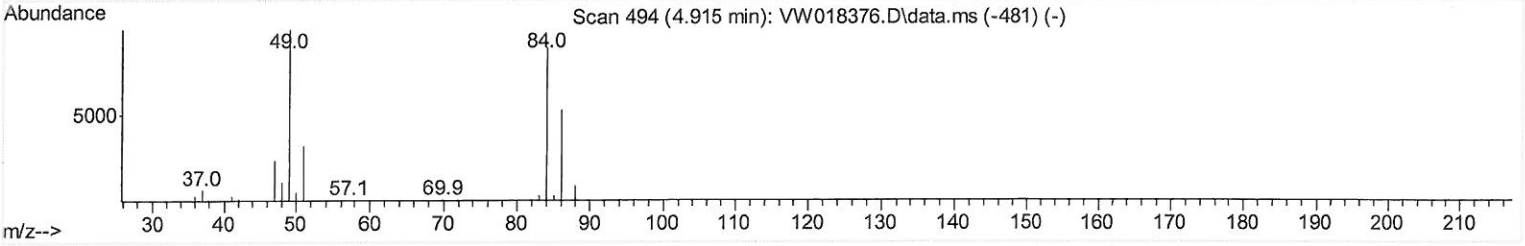


TIC: VW018384.D\data.ms

(16) Methylene chloride (T)

4.927min (+ 0.012) 2.21 ug/L m

response 14013

| Ion | Exp% | Act% |
|---|---|---|
| 84.00 | 100.00 | 100.00 |
| 49.00 | 106.30 | 99.22 |
| 86.00 | 65.90 | 58.20 |
| 0.00 | 0.00 | 0.00 |

7 MD
3/30/21

Quantitation Report (Qedit)

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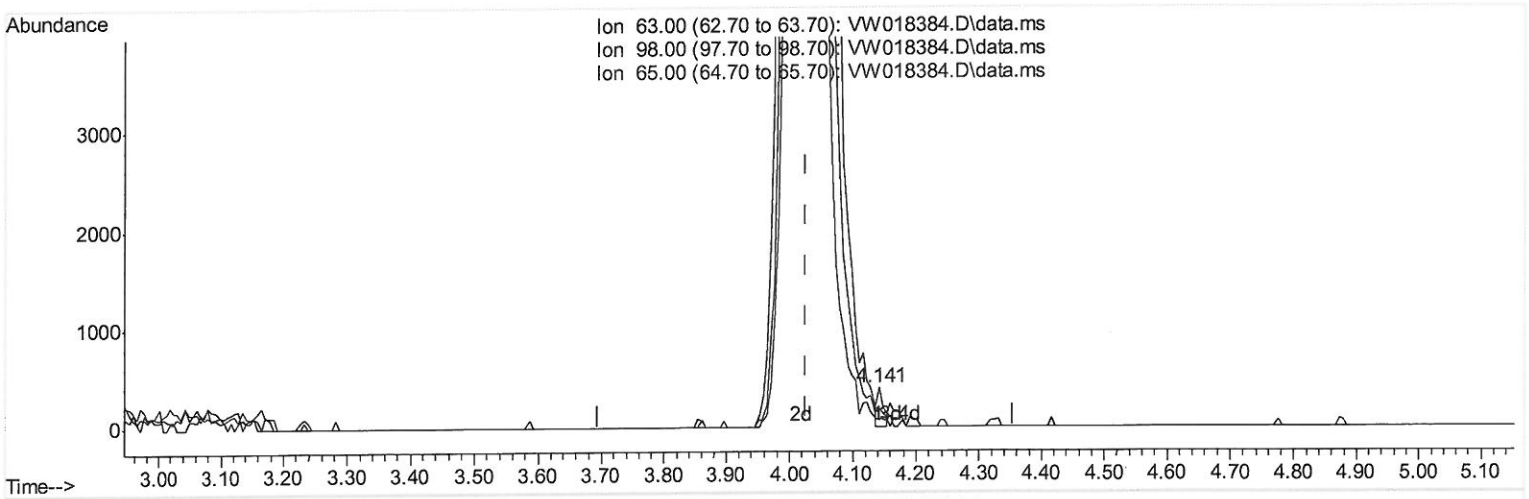
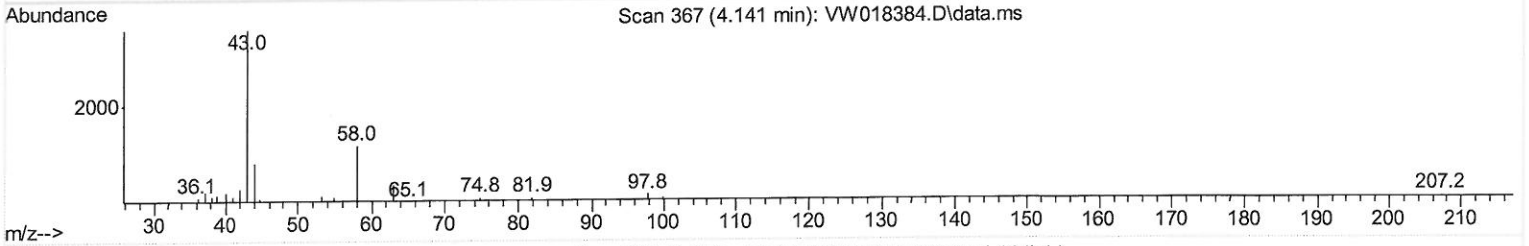
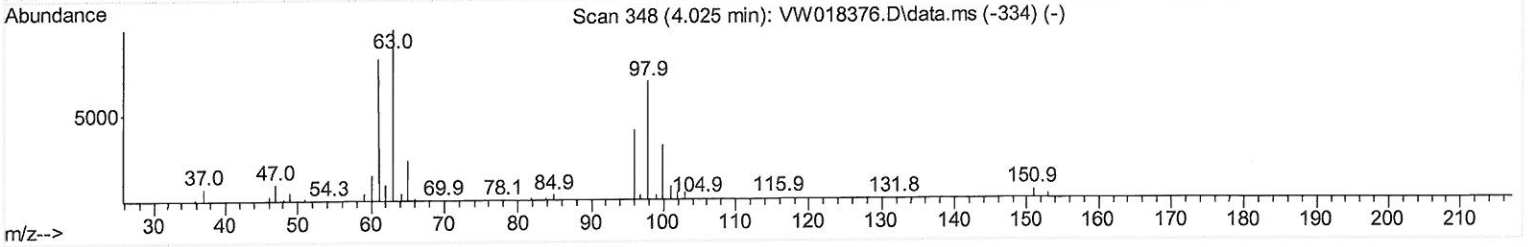
MMDadoda
3/22/2021 4:13:58 PM




TIC: VW018384.D\data.ms

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

4.141min (+ 0.116) 0.03 ug/L

response 260

| Ion | Exp% | Act% |
|---|---|---|
| 63.00 | 100.00 | 100.00 |
| 98.00 | 75.50 | 71.15 |
| 65.00 | 23.50 | 25.00 |
| 0.00 | 0.00 | 0.00 |

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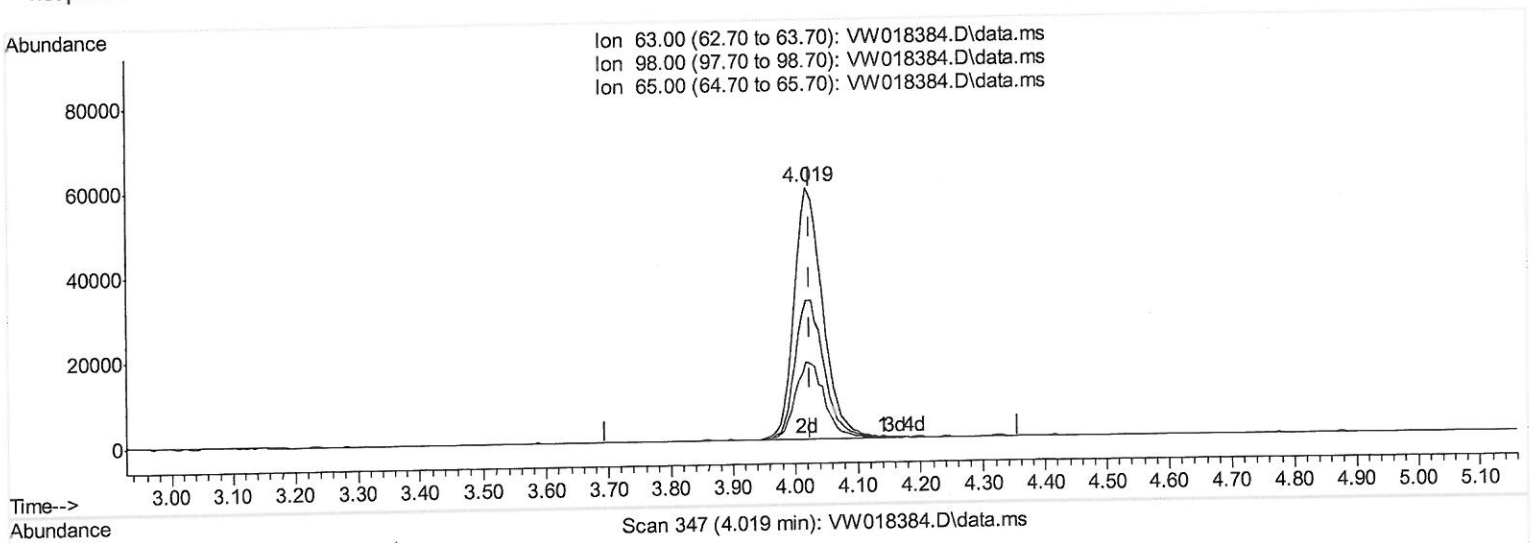
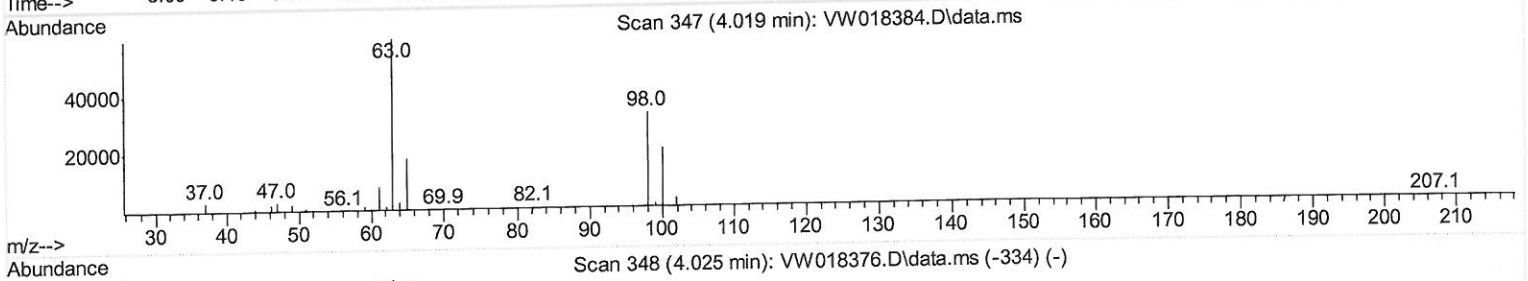
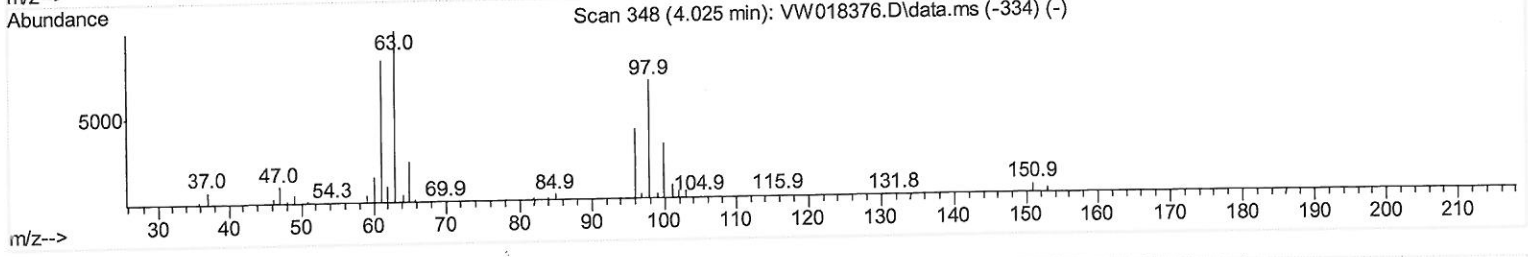
**Manual Integrations APPROVED**
MMDadoda
3/22/2021 4:13:58 PM




TIC: VW018384.D\data.ms

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

4.019min (-0.006) 19.96 ug/L m

response 184972

| Ion | Exp% | Act% |
|---|---|---|
| 63.00 | 100.00 | 100.00 |
| 98.00 | 75.50 | 0.10# |
| 65.00 | 23.50 | 0.04# |
| 0.00 | 0.00 | 0.00 |

MD 3/30/21

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**Instrument :** MSVOA_W
**ClientSampleId :** BG493

**Manual Integrations APPROVED**
MMDadoda
3/22/2021 4:13:58 PM

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | |
| 1) 1,4-Difluorobenzene | 8.841 | 114 | 385727 | 25.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 11.634 | 117 | 296885 | 25.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 13.554 | 152 | 91381 | 25.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 2.355 | 65 | 162358 | 30.25 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = 121.00% | | | |
| 7) Chloroethane-d5 | 2.891 | 69 | 142425 | 30.31 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = 121.24% | | | |
| 10) 1,1-Dichloroethene-d2 | 4.019 | 63 | 184972m | 19.96 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 45 - 110 | | Recovery = 79.84% | | | |
| 20) 2-Butanone-d5 | 7.073 | 46 | 90615 | 75.83 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = 151.66%# | | | |
| 24) Chloroform-d | 7.646 | 84 | 253124 | 25.76 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 40 - 150 | | Recovery = 103.04% | | | |
| 26) 1,2-Dichloroethane-d4 | 8.305 | 65 | 158291 | 27.60 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 130 | | Recovery = 110.40% | | | |
| 29) Benzene-d6 | 8.274 | 84 | 498846 | 31.61 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 20 - 135 | | Recovery = 126.44% | | | |
| 33) 1,2-Dichloropropane-d6 | 9.274 | 67 | 146070 | 32.08 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 120 | | Recovery = 128.32%# | | | |
| 37) Toluene-d8 | 10.323 | 98 | 420773 | 27.69 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 130 | | Recovery = 110.76% | | | |
| 38) trans-1,3-Dichloroprop... | 10.579 | 79 | 58809 | 25.05 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 135 | | Recovery = 100.20% | | | |
| 39) 2-Hexanone-d5 | 10.920 | 63 | 75204 | 84.41 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = 168.82%# | | | |
| 48) 1,1,2,2-Tetrachloroeth... | 12.694 | 84 | 132784 | 32.61 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 45 - 120 | | Recovery = 130.44%# | | | |
| 61) 1,2-Dichlorobenzene-d4 | 13.853 | 152 | 85277 | 26.25 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 75 - 120 | | Recovery = 105.00% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 5) Vinyl chloride | 2.367 | 62 | 2647 | 0.36 | ug/L # | 1 |
| 13) Acetone | 4.123 | 43 | 16671 | 19.42 | ug/L | 96 |
| 14) Carbon disulfide | 4.385 | 76 | 6913 | 0.47 | ug/L # | 85 |
| 16) Methylene chloride | 4.927 | 84 | 14013m | 2.21 | ug/L | |
| 34) Benzene | 8.323 | 78 | 7592 | 0.44 | ug/L | 100 |

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