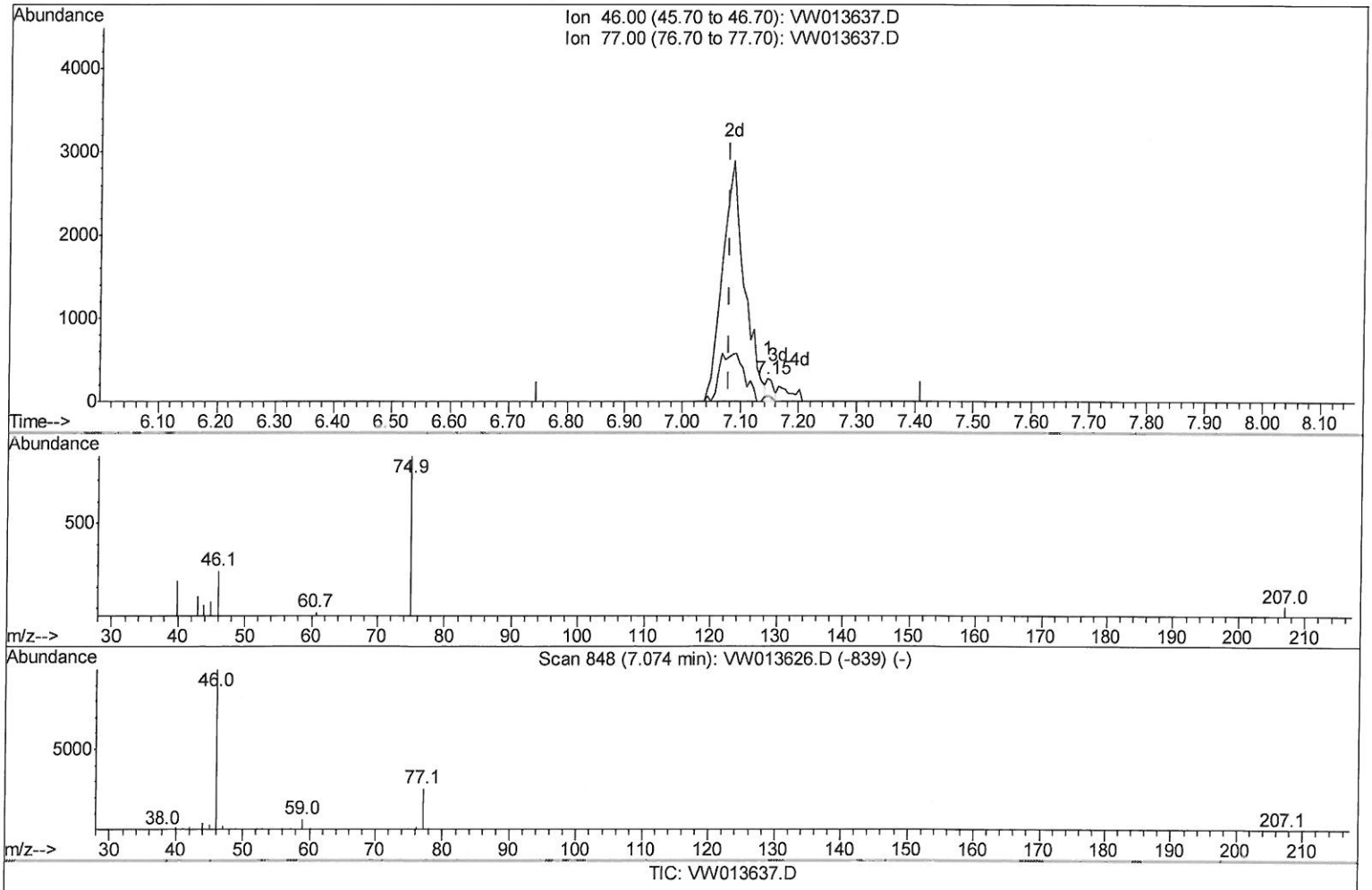
Quantitation Report (Qedit)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW102119\
Data File : VW013637.D
Acq On : 21 Oct 2019 15:52
Operator : SY/VA
Sample : K5422-05
Misc : 6.34G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 21 18:28:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101819S.M
Quant Title : VOC Analysis
QLast Update : Mon Oct 21 16:37:58 2019
Response via : Initial Calibration

**Instrument :**
MSVOA_W
**ClientSampleId :**
C0AB6

**Manual Integrations APPROVED**
MMDadoda
10/22/2019 12:39:02 PM




TIC: VW013637.D

(20) 2-Butanone-d5 (S)

7.147min (+0.067) 1.27ug/L

response 227

| Ion | Exp% | Act% |
|---|---|---|
| 46.00 | 100 | 100 |
| 77.00 | 26.20 | 29.07 |
| 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 |

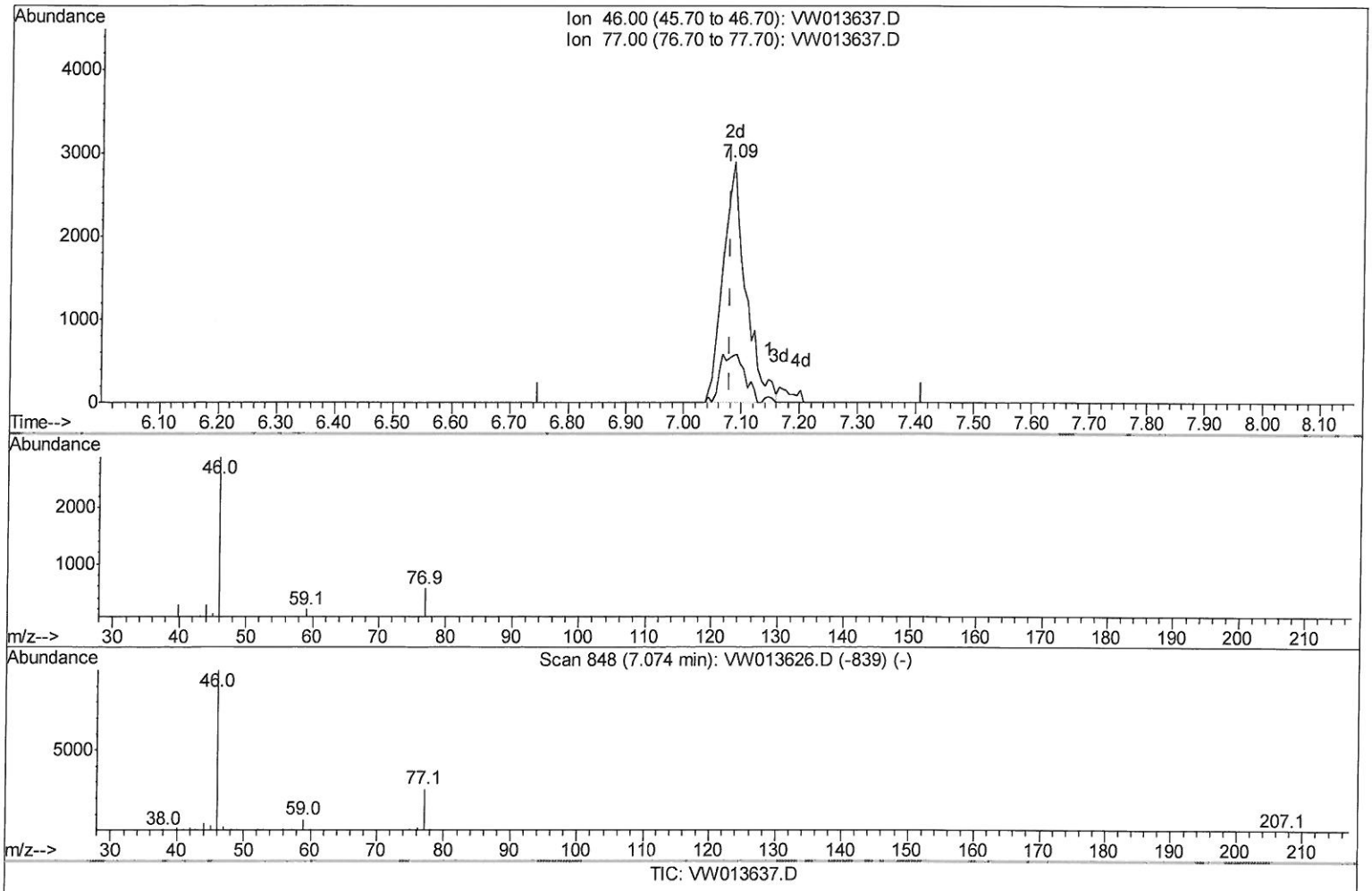
Quantitation Report (Qedit)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW102119\
Data File : VW013637.D
Acq On : 21 Oct 2019 15:52
Operator : SY/VA
Sample : K5422-05
Misc : 6.34G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 21 18:28:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101819S.M
Quant Title : VOC Analysis
QLast Update : Mon Oct 21 16:37:58 2019
Response via : Initial Calibration

**Instrument :**
MSVOA_W
**ClientSampleId :**
C0AB6

**Manual Integrations APPROVED**
MMDadoda
10/22/2019 12:39:02 PM




TIC: VW013637.D

(20) 2-Butanone-d5 (S)

7.086min (+0.006) 43.91ug/L m 10/23/19 SY

response 7856

| Ion | Exp% | Act% |
|---|---|---|
| 46.00 | 100 | 100 |
| 77.00 | 26.20 | 0.84# |
| 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW102119\
Data File : VW013637.D
Acq On : 21 Oct 2019 15:52
Operator : SY/VA
Sample : K5422-05
Misc : 6.34G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AB6

Manual Integrations APPROVED
MMDadoda
10/22/2019 12:39:02 PM

Quant Time: Oct 21 18:33:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101819S.M
Quant Title : VOC Analysis
QLast Update : Mon Oct 21 16:37:58 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 8.84 | 114 | 40774 | 25.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 11.63 | 117 | 34868 | 25.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152 | 10616 | 25.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 2.35 | 65 | 15099 | 30.18 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = 120.72% | | | |
| 7) Chloroethane-d5 | 2.89 | 69 | 14764 | 31.62 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = 126.48% | | | |
| 10) 1,1-Dichloroethene-d2 | 4.02 | 63 | 25050 | 22.67 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 45 - 110 | | Recovery = 90.68% | | | |
| 20) 2-Butanone-d5 | 7.09 | 46 | 7856m | 43.91 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = 87.82% | | | |
| 24) Chloroform-d | 7.65 | 84 | 29759 | 26.08 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 40 - 150 | | Recovery = 104.32% | | | |
| 26) 1,2-Dichloroethane-d4 | 8.30 | 65 | 16325 | 27.36 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 130 | | Recovery = 109.44% | | | |
| 29) Benzene-d6 | 8.28 | 84 | 63787 | 30.45 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 20 - 135 | | Recovery = 121.80% | | | |
| 33) 1,2-Dichloropropane-d6 | 9.27 | 67 | 19629 | 31.37 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 120 | | Recovery = 125.48%# | | | |
| 37) Toluene-d8 | 10.32 | 98 | 50602 | 26.19 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 130 | | Recovery = 104.76% | | | |
| 38) trans-1,3-Dichloropropene- | 10.58 | 79 | 6933 | 24.56 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 135 | | Recovery = 98.24% | | | |
| 39) 2-Hexanone-d5 | 10.93 | 63 | 4884 | 40.83 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = 81.66% | | | |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69 | 84 | 13363 | 26.08 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 45 - 120 | | Recovery = 104.32% | | | |
| 61) 1,2-Dichlorobenzene-d4 | 13.85 | 152 | 10582 | 28.21 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 75 - 120 | | Recovery = 112.84% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 13) Acetone | 4.15 | 43 | 1646 | 8.289 | ug/L | 91 |
| 16) Methylene chloride | 4.92 | 84 | 9218 | 11.806 | ug/L | 91 |

10/23/19 SY

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW102119\
Data File : VW013637.D
Acq On : 21 Oct 2019 15:52
Operator : SY/VA
Sample : K5422-05
Misc : 6.34G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 21 18:33:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101819S.M
Quant Title : VOC Analysis
QLast Update : Mon Oct 21 16:37:58 2019
Response via : Initial Calibration

**Instrument :**
MSVOA_W
**ClientSampleId :**
C0AB6

**Manual Integrations APPROVED**
MMDadoda
10/22/2019 12:39:02 PM